

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016668.D
 Acq On : 28 Sep 2020 14:47
 Operator : SY/VA
 Sample : L4171-05
 Misc : 6.23G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y7

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\SOM2WLM091520S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.891	156	162	170	rBV	33641	64912	0.13%	0.037%
2	4.031	337	349	358	rBV	62984	172167	0.35%	0.098%
3	4.970	476	503	521	rBV	2233451	8306046	16.95%	4.719%
4	5.446	562	581	605	rBV	4417680	14995178	30.61%	8.520%
5	5.952	648	664	683	rBV	15838392	48994531	100.00%	27.836%
6	6.110	683	690	700	rVV3	28939	95227	0.19%	0.054%
7	6.232	700	710	715	rVV2	53593	164722	0.34%	0.094%
8	6.299	715	721	731	rVV	68803	198474	0.41%	0.113%
9	6.439	733	744	756	rVV2	41399	135734	0.28%	0.077%
10	6.567	756	765	776	rVV2	28390	86757	0.18%	0.049%
11	6.726	776	791	806	rVV	1111173	3767606	7.69%	2.141%
12	6.884	806	817	825	rVV	892627	2788930	5.69%	1.585%
13	6.988	825	834	853	rVV	4065335	12212056	24.93%	6.938%
14	7.165	853	863	883	rVB3	81052	364608	0.74%	0.207%
15	7.653	932	943	947	rBV	81085	211478	0.43%	0.120%
16	7.701	947	951	961	rVB	100089	246055	0.50%	0.140%
17	7.957	979	993	1001	rVV3	642503	1943733	3.97%	1.104%
18	8.037	1001	1006	1017	rVB2	74672	179051	0.37%	0.102%
19	8.159	1017	1026	1034	rBV	184988	418725	0.85%	0.238%
20	8.281	1039	1046	1061	rVB2	146610	421681	0.86%	0.240%
21	8.427	1061	1070	1077	rBV3	29453	76353	0.16%	0.043%
22	8.695	1106	1114	1125	rBV	289422	571019	1.17%	0.324%
23	8.847	1129	1139	1150	rBV	179584	371558	0.76%	0.211%
24	9.280	1200	1210	1214	rBV	94572	208027	0.42%	0.118%
25	9.335	1214	1219	1225	rVV	123381	267119	0.55%	0.152%
26	9.963	1316	1322	1325	rBV	50566	89832	0.18%	0.051%
27	10.036	1330	1334	1338	rVV	44072	79383	0.16%	0.045%
28	10.097	1338	1344	1358	rVB	257461	497445	1.02%	0.283%
29	10.323	1374	1381	1386	rBV	272576	514860	1.05%	0.293%
30	10.390	1386	1392	1399	rVV	316702	585288	1.19%	0.333%
31	10.506	1404	1411	1418	rVB2	90128	178956	0.37%	0.102%
32	10.585	1418	1424	1432	rBV2	28158	61447	0.13%	0.035%
33	10.670	1432	1438	1441	rBV	49498	89496	0.18%	0.051%
34	10.762	1448	1453	1463	rVB2	50514	100652	0.21%	0.057%

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35	10.932	1475	1481	1487	rBV3	53368	104392	0.21%	0.059%
36	11.182	1514	1522	1526	rVB2	76272	138538	0.28%	0.079%
37	11.231	1526	1530	1536	rVB	36530	61341	0.13%	0.035%
38	11.414	1552	1560	1571	rVB5	47918	148392	0.30%	0.084%
39	11.512	1571	1576	1587	rBV	36301	63967	0.13%	0.036%
40	11.634	1589	1596	1605	rBV	235938	403633	0.82%	0.229%
41	11.731	1605	1612	1621	rBV	821518	1339850	2.73%	0.761%
42	11.835	1621	1629	1640	rBV	3449202	6401576	13.07%	3.637%
43	12.164	1671	1683	1691	rBV	999956	1752237	3.58%	0.996%
44	12.255	1691	1698	1702	rVB2	60085	103423	0.21%	0.059%
45	12.341	1702	1712	1714	rBV5	45736	114864	0.23%	0.065%
46	12.463	1727	1732	1738	rBV	264085	451230	0.92%	0.256%
47	12.542	1742	1745	1747	rVV3	58088	79569	0.16%	0.045%
48	12.566	1747	1749	1752	rVV	52510	64972	0.13%	0.037%
49	12.609	1752	1756	1760	rVB	72998	101813	0.21%	0.058%
50	12.694	1766	1770	1776	rVB	69198	108997	0.22%	0.062%
51	12.804	1780	1788	1793	rBV	713165	1133885	2.31%	0.644%
52	12.865	1793	1798	1802	rBV	2176277	3615617	7.38%	2.054%
53	12.902	1802	1804	1807	rVV	1019382	1391245	2.84%	0.790%
54	12.944	1807	1811	1817	rVB2	1508993	2593137	5.29%	1.473%
55	13.036	1822	1826	1830	rVB	69215	83469	0.17%	0.047%
56	13.103	1830	1837	1844	rBV	809303	1433415	2.93%	0.814%
57	13.164	1844	1847	1854	rVB	181593	247428	0.51%	0.141%
58	13.249	1855	1861	1867	rBV	4160726	6528868	13.33%	3.709%
59	13.383	1873	1883	1887	rBV3	132882	371380	0.76%	0.211%
60	13.444	1888	1893	1897	rVV2	342888	580518	1.18%	0.330%
61	13.493	1897	1901	1908	rVV3	206741	465546	0.95%	0.265%
62	13.591	1908	1917	1921	rVV	1462650	2768222	5.65%	1.573%
63	13.621	1921	1922	1930	rVB2	174108	231472	0.47%	0.132%
64	13.719	1931	1938	1940	rBV	508049	794544	1.62%	0.451%
65	13.749	1940	1943	1947	rVV2	1282641	2246637	4.59%	1.276%
66	13.792	1947	1950	1958	rVV3	1801338	3410778	6.96%	1.938%
67	13.877	1958	1964	1969	rVB3	879634	1450293	2.96%	0.824%
68	13.950	1971	1976	1981	rVV	574841	821055	1.68%	0.466%
69	14.011	1981	1986	1988	rVV	1450777	2108016	4.30%	1.198%
70	14.042	1988	1991	1995	rVV	1536965	2284308	4.66%	1.298%
71	14.097	1995	2000	2008	rVB	2838521	4330023	8.84%	2.460%

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72	14.206	2012	2018	2023	rVB2	736594	1231958	2.51%	0.700%
73	14.261	2023	2027	2028	rBV2	97681	139586	0.28%	0.079%
74	14.340	2034	2040	2045	rBV	890916	1448051	2.96%	0.823%
75	14.420	2045	2053	2056	rVV	2094507	3725999	7.60%	2.117%
76	14.456	2056	2059	2064	rVV	2960716	4548475	9.28%	2.584%
77	14.499	2064	2066	2070	rVV	526360	710269	1.45%	0.404%
78	14.542	2070	2073	2080	rVV2	293262	505719	1.03%	0.287%
79	14.603	2080	2083	2086	rVV	80761	111273	0.23%	0.063%
80	14.645	2086	2090	2093	rVV	173537	246236	0.50%	0.140%
81	14.688	2093	2097	2100	rVV	827303	1292145	2.64%	0.734%
82	14.731	2100	2104	2109	rVB2	746092	1224922	2.50%	0.696%
83	14.798	2109	2115	2121	rBV2	1725344	4163447	8.50%	2.365%
84	14.852	2121	2124	2130	rVB2	425577	774138	1.58%	0.440%
85	14.962	2138	2142	2150	rBV2	122384	244148	0.50%	0.139%
86	15.066	2154	2159	2171	rVV2	521676	1247135	2.55%	0.709%
87	15.170	2171	2176	2185	rVV2	303273	611394	1.25%	0.347%
88	15.249	2186	2189	2197	rVB6	95695	220936	0.45%	0.126%
89	15.328	2197	2202	2204	rBV2	185554	303505	0.62%	0.172%
90	15.371	2204	2209	2214	rVB	619461	1060060	2.16%	0.602%
91	15.474	2221	2226	2230	rBV2	95985	152798	0.31%	0.087%
92	15.554	2235	2239	2248	rVB	254207	470911	0.96%	0.268%
93	15.657	2248	2256	2263	rBV2	143132	348093	0.71%	0.198%
94	15.730	2265	2268	2274	rVB7	47741	77301	0.16%	0.044%
95	15.865	2286	2290	2297	rVB	109641	199311	0.41%	0.113%
96	15.950	2300	2304	2309	rVB2	53260	84131	0.17%	0.048%
97	16.182	2333	2342	2346	rBV5	60433	158513	0.32%	0.090%
98	16.377	2369	2374	2379	rVV2	54416	103758	0.21%	0.059%
99	16.444	2379	2385	2391	rBV	238662	474619	0.97%	0.270%
100	16.645	2410	2418	2432	rVB	128392	342049	0.70%	0.194%

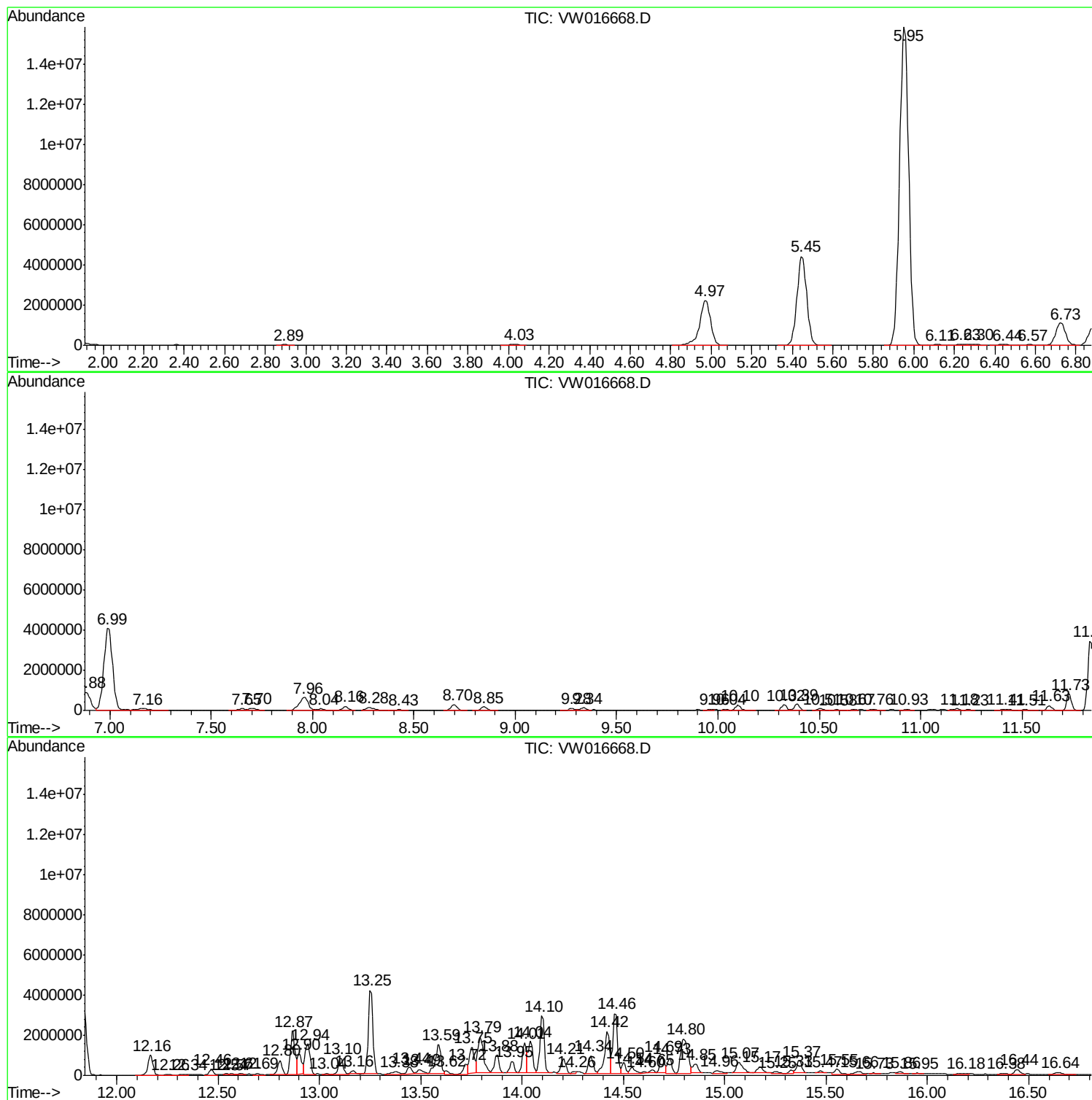
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Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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



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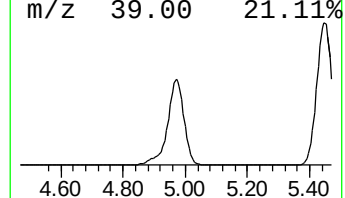
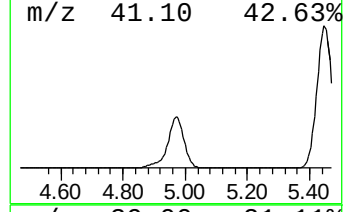
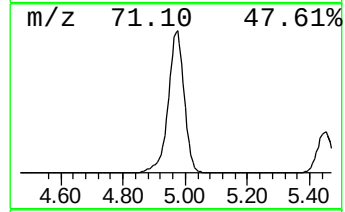
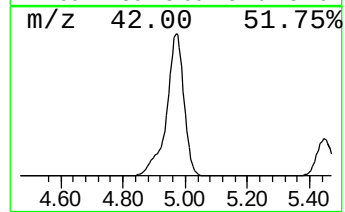
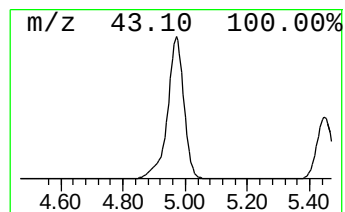
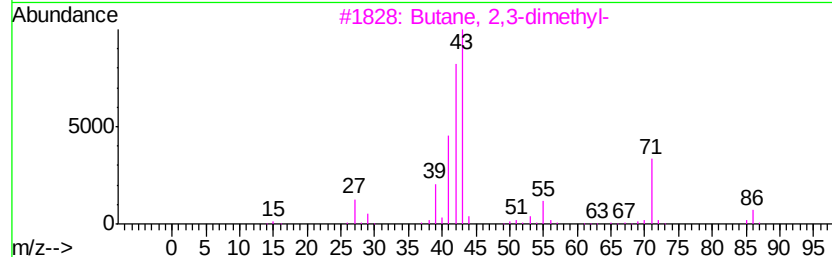
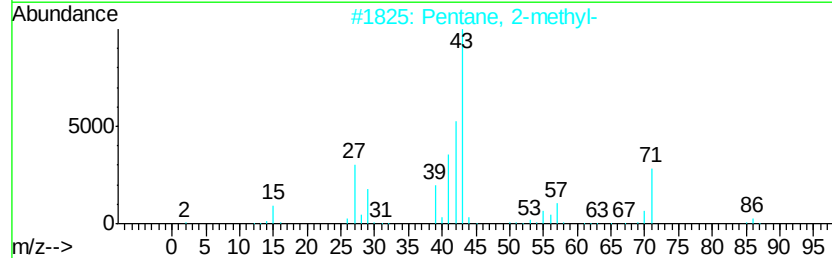
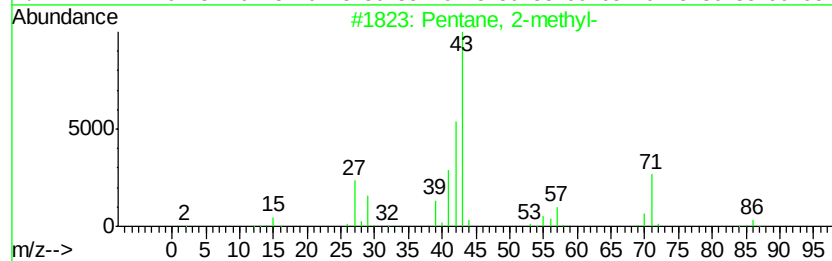
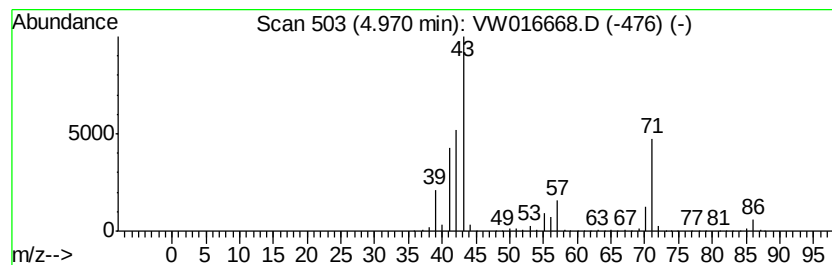
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	558.87 ug/L	8306050	1,4-Difluorobenzene	8.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	50
4	Butane, 2,3-dimethyl-		86	C6H14	000079-29-8	49
5	Pentane		72	C5H12	000109-66-0	46



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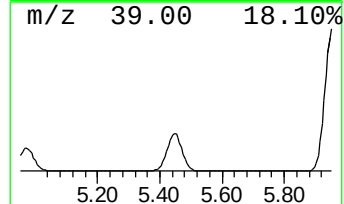
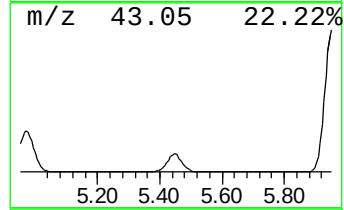
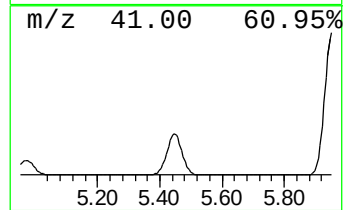
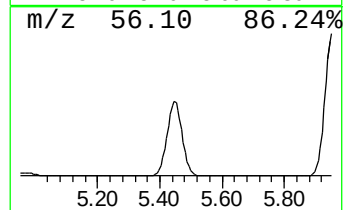
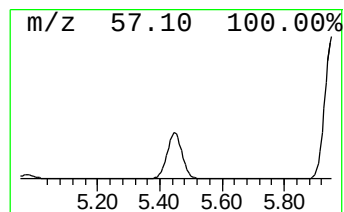
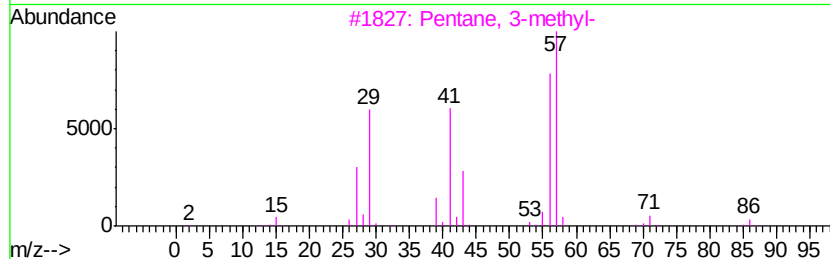
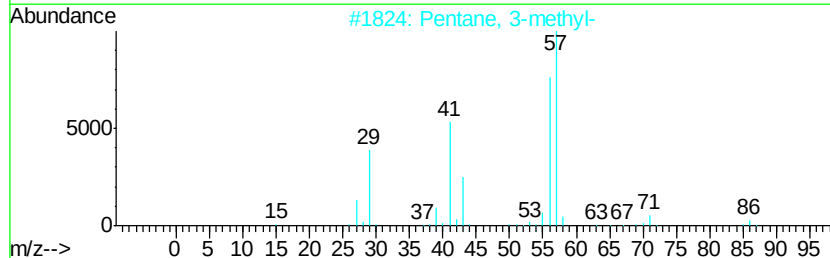
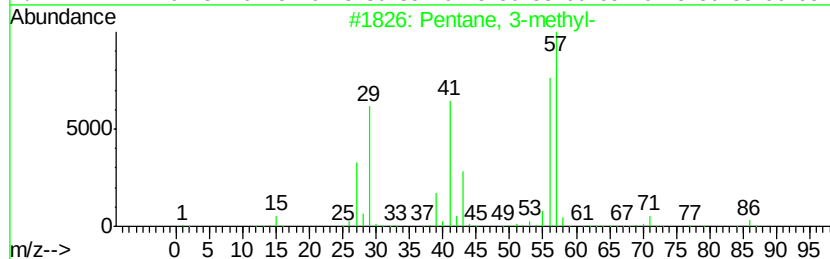
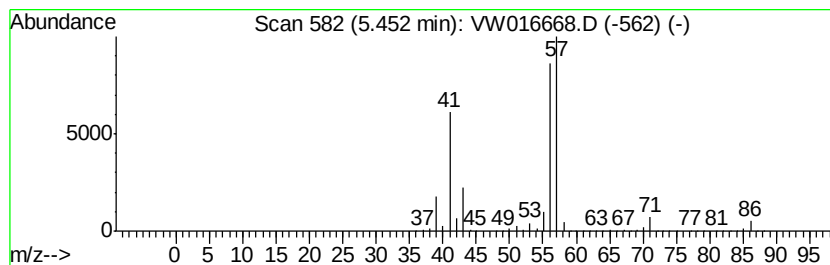
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	1008.94 ug/L	14995200	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	90
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5		Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	64



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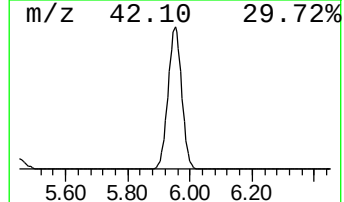
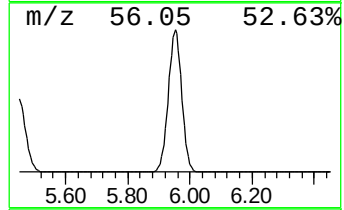
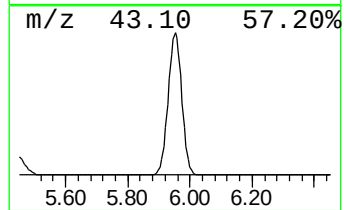
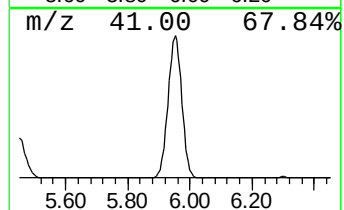
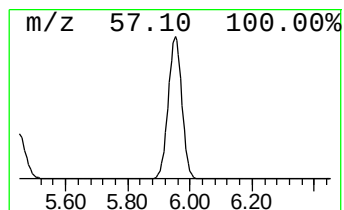
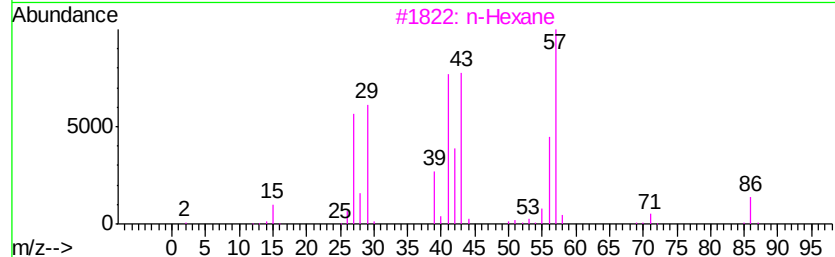
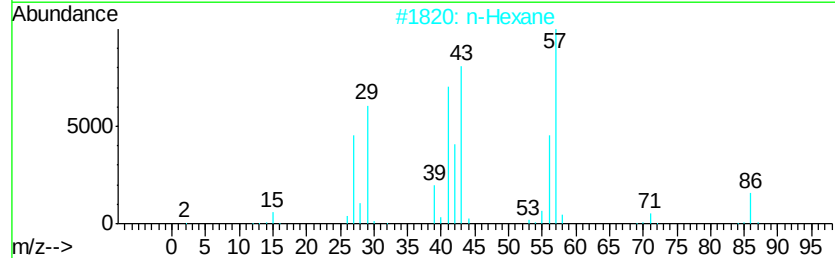
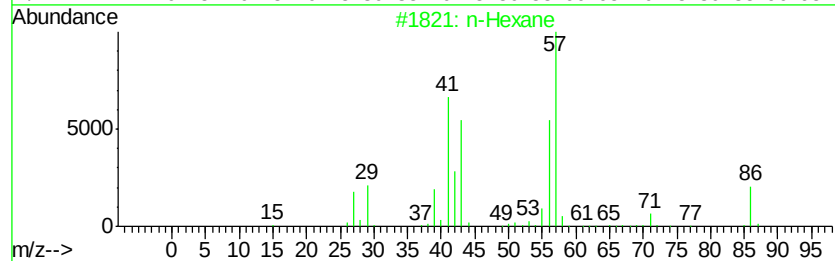
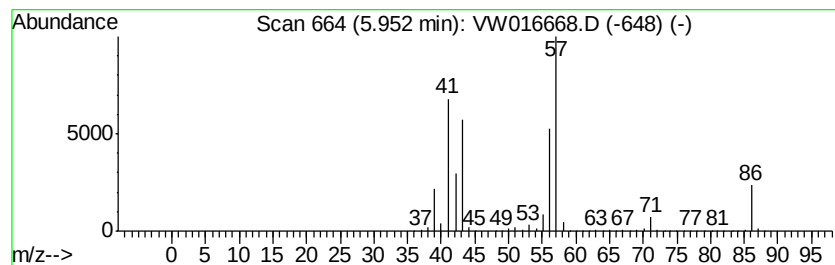
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3296.56 ug/L	48994500	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	78
4		Pentane, 3-methyl-	86	C6H14	000096-14-0	42
5		Pentane, 3-methyl-	86	C6H14	000096-14-0	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

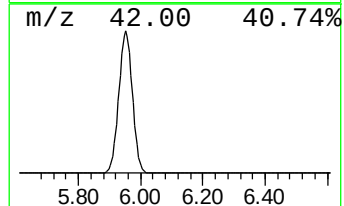
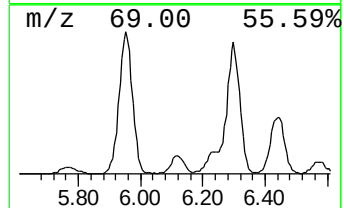
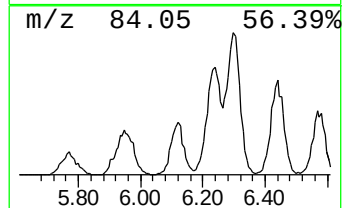
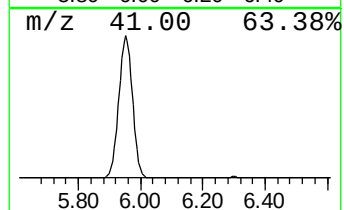
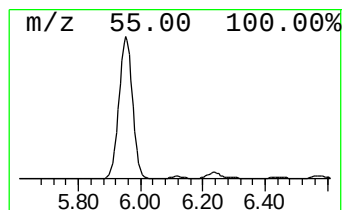
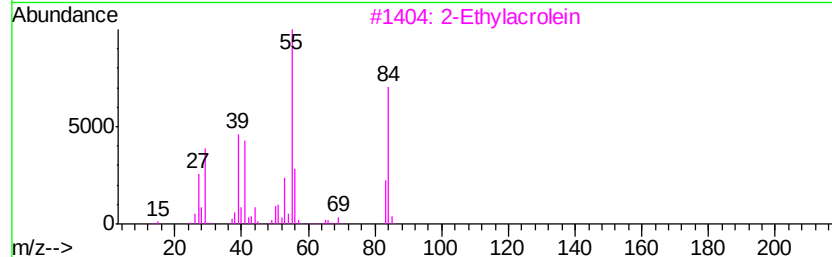
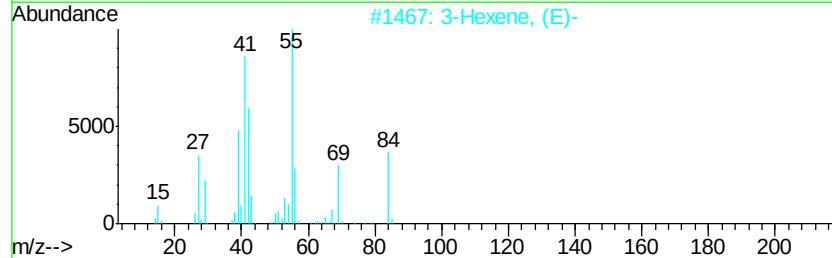
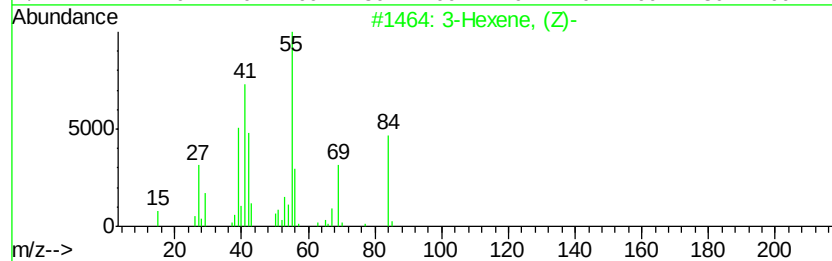
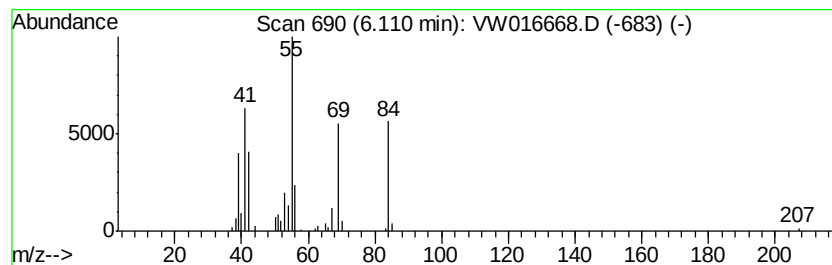
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	6.41 ug/L	95227	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3		Hexene, (Z)-	84	C6H12	007642-09-3	87
2	3		Hexene, (E)-	84	C6H12	013269-52-8	83
3	2		Ethylacrolein	84	C5H8O	000922-63-4	62
4			Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	62
5	2		Hexene, (Z)-	84	C6H12	007688-21-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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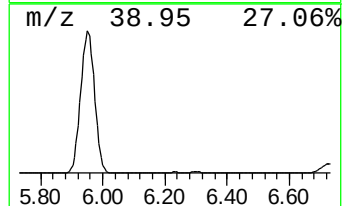
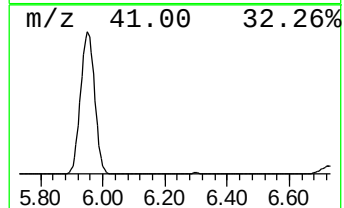
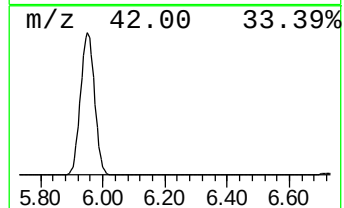
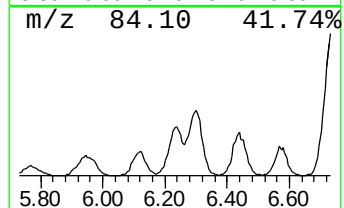
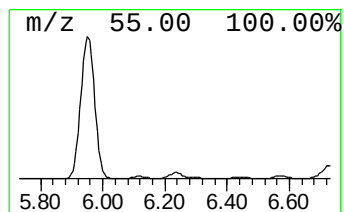
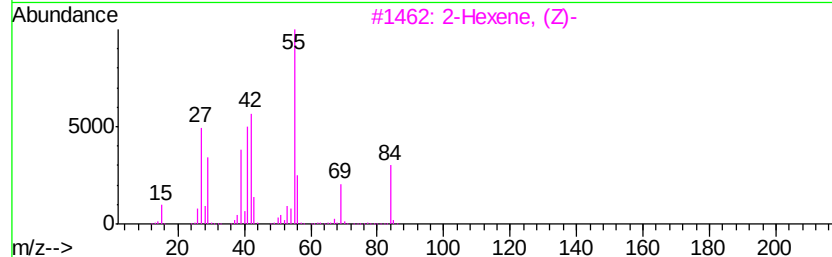
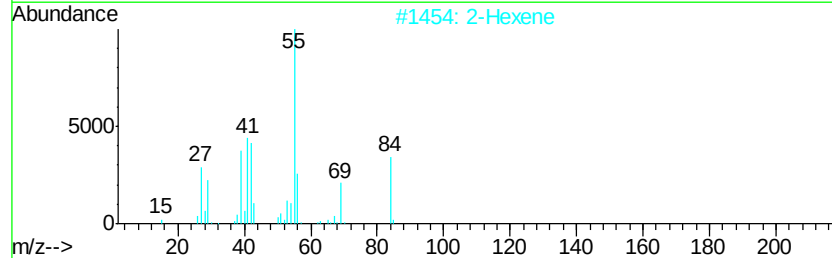
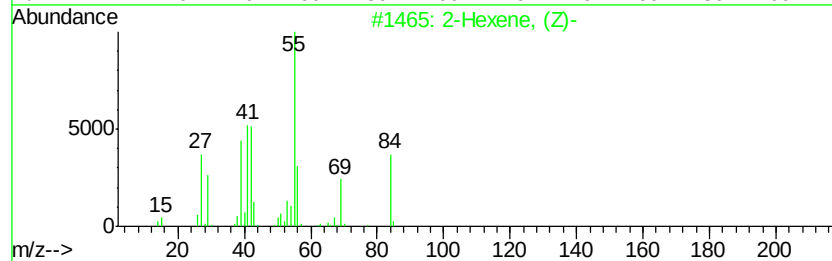
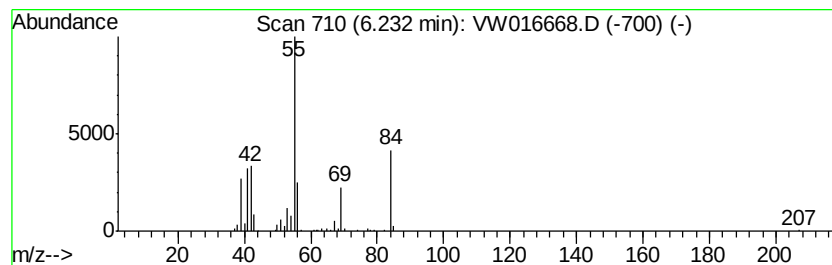
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	11.08 ug/L	164722	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-		84	C6H12	007688-21-3	91
2	2-Hexene		84	C6H12	000592-43-8	91
3	2-Hexene, (Z)-		84	C6H12	007688-21-3	91
4	2-Hexene, (E)-		84	C6H12	004050-45-7	91
5	3-Hexene, (Z)-		84	C6H12	007642-09-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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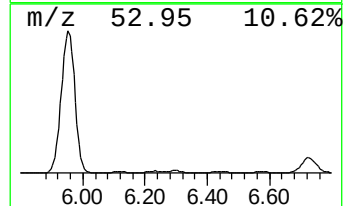
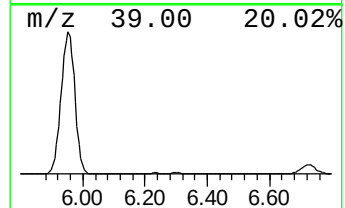
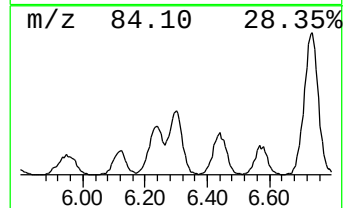
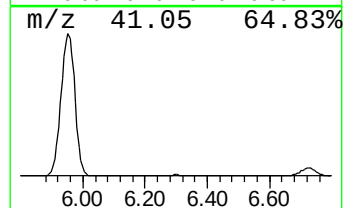
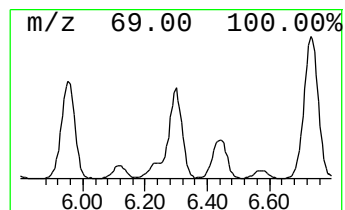
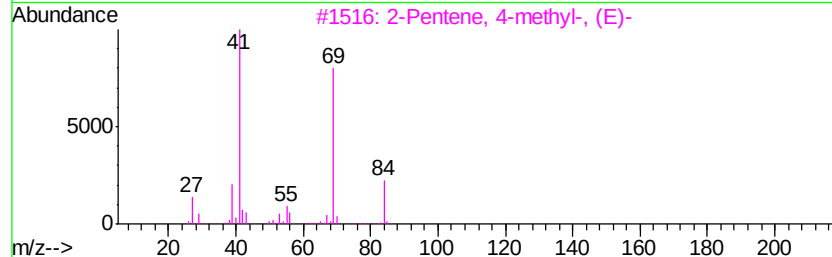
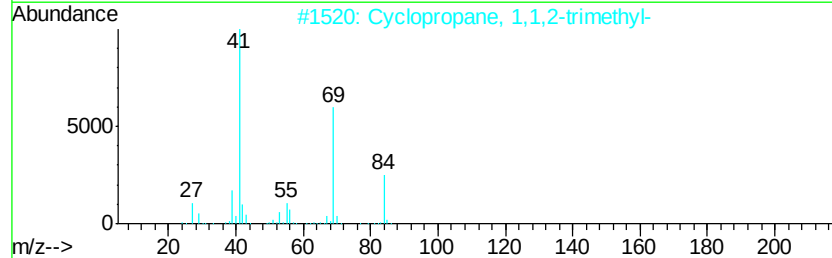
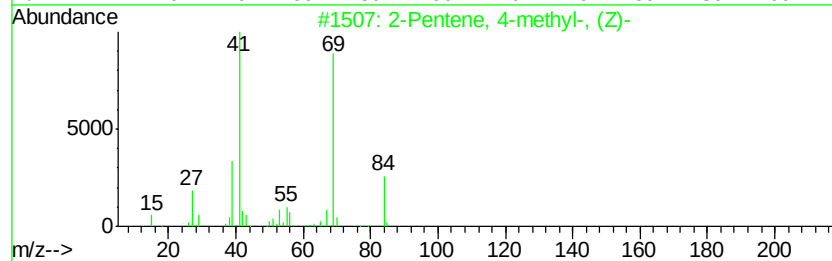
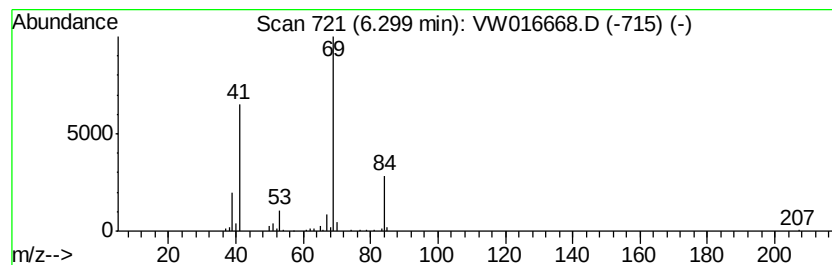
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	13.35 ug/L	198474	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	90
2		Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	90
3		2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	86
4		Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	86
5		2-Pentene, 4-methyl-	84	C6H12	004461-48-7	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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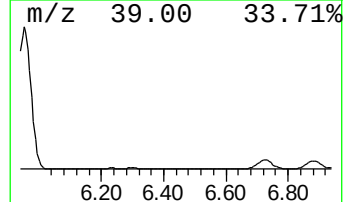
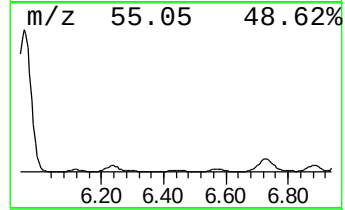
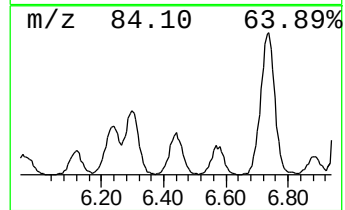
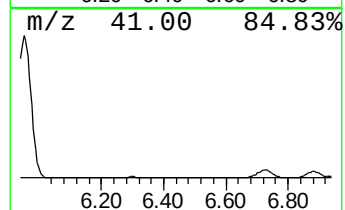
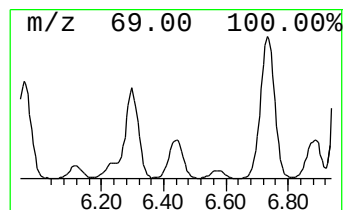
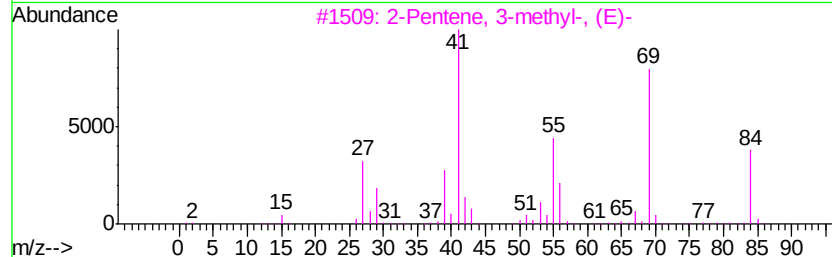
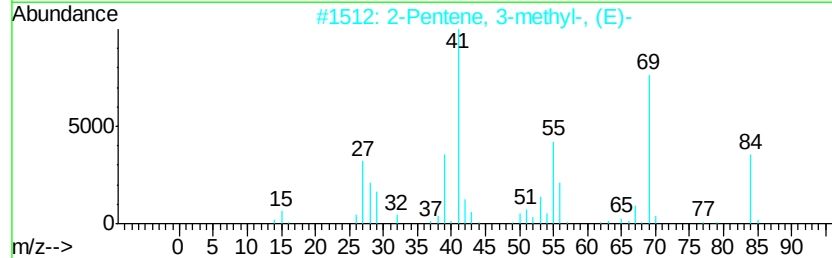
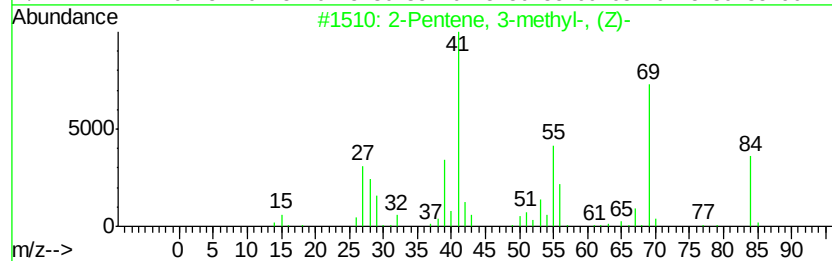
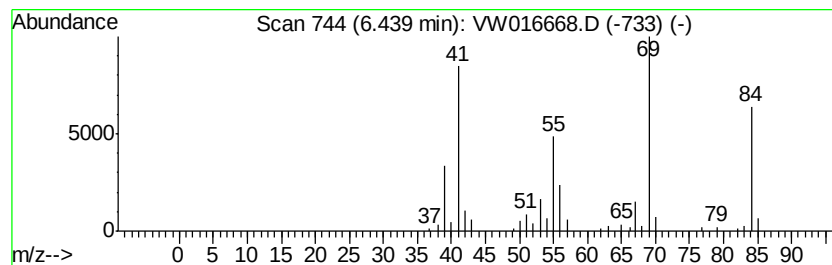
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	9.13 ug/L	135734	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-			84	C6H12	000922-62-3	95
2	2-Pentene, 3-methyl-, (E)-			84	C6H12	000616-12-6	94
3	2-Pentene, 3-methyl-, (E)-			84	C6H12	000616-12-6	91
4	2-Pentene, 3-methyl-, (E)-			84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-, (Z)-			84	C6H12	000922-62-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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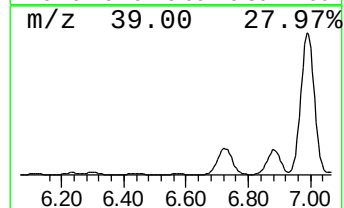
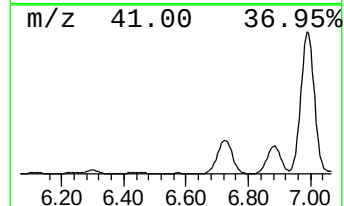
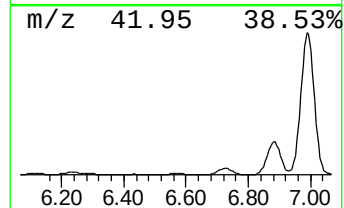
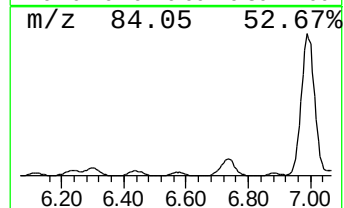
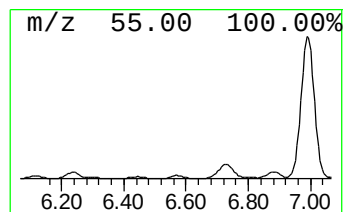
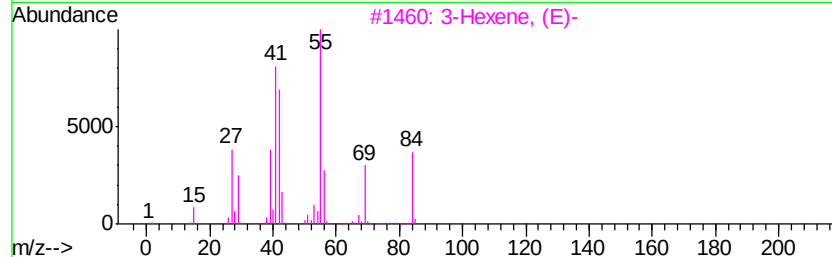
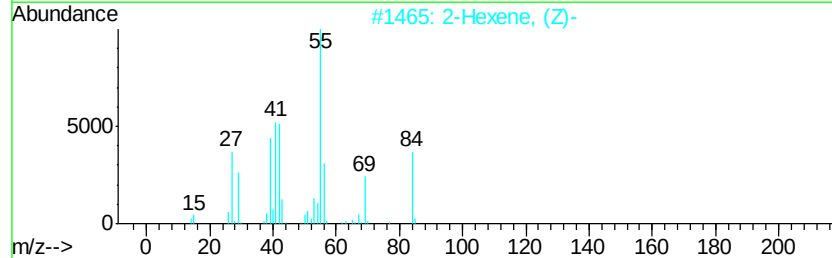
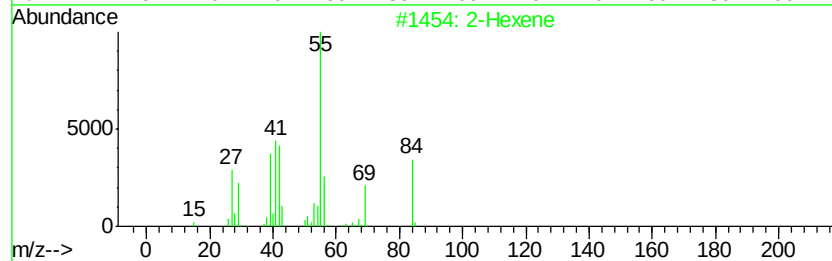
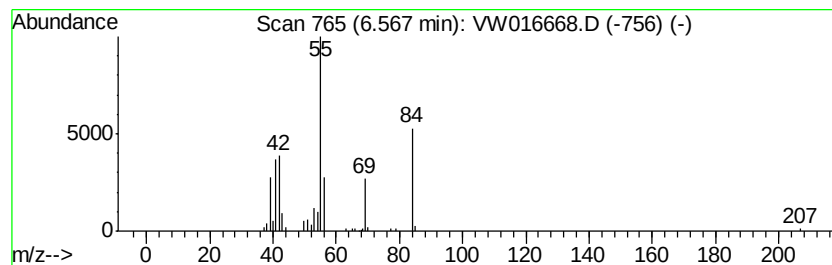
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	5.84 ug/L	86757	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexene	84	C6H12	000592-43-8	91
2		2-Hexene, (Z)-	84	C6H12	007688-21-3	91
3		3-Hexene, (E)-	84	C6H12	013269-52-8	91
4		2-Hexene, (Z)-	84	C6H12	007688-21-3	91
5		3-Hexene, (Z)-	84	C6H12	007642-09-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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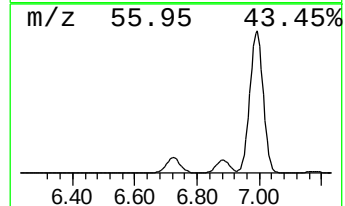
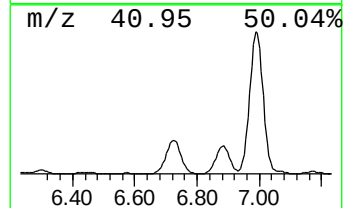
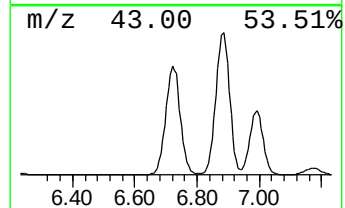
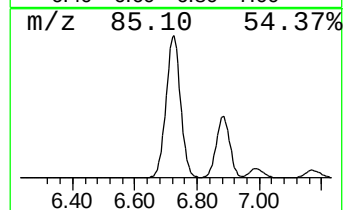
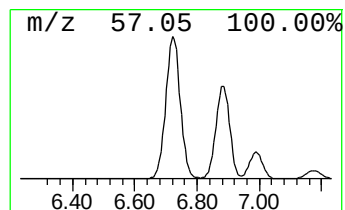
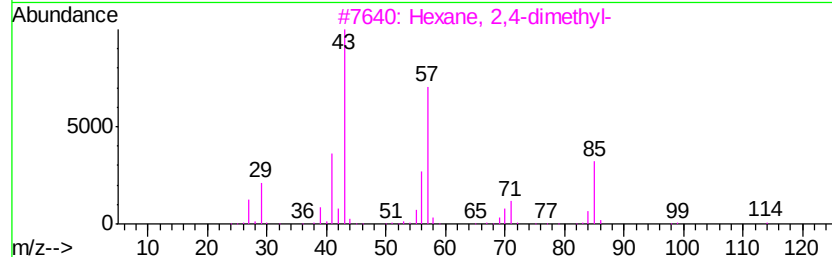
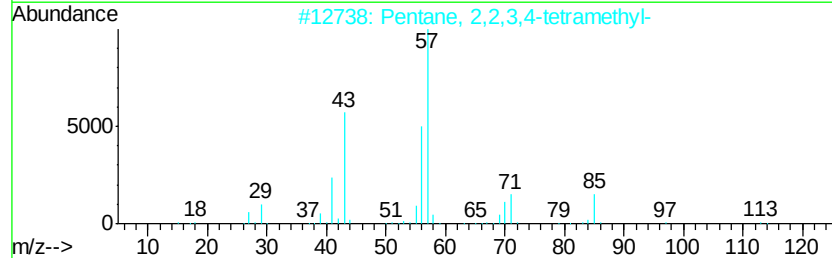
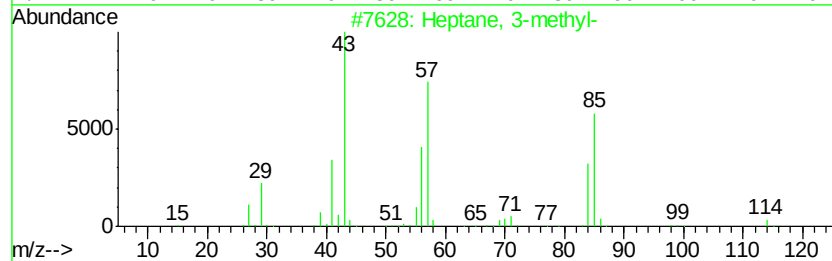
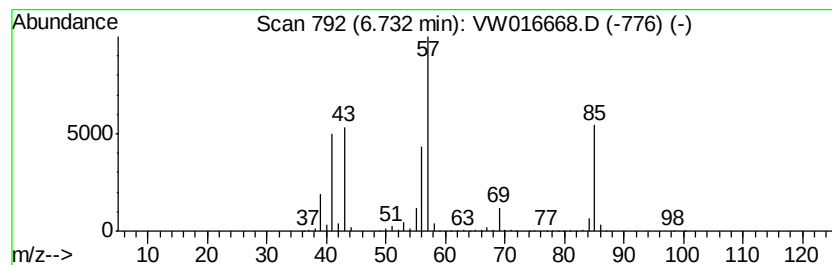
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	253.50 ug/L	3767610	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	78
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	74
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

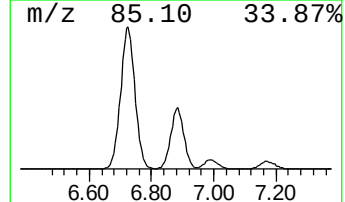
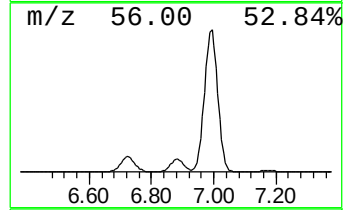
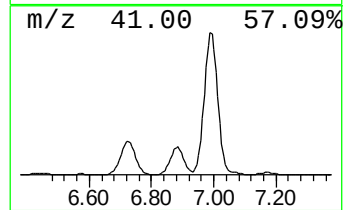
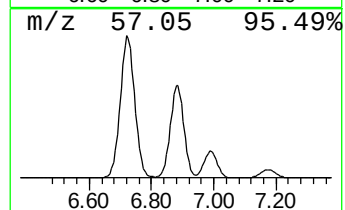
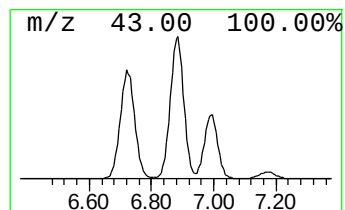
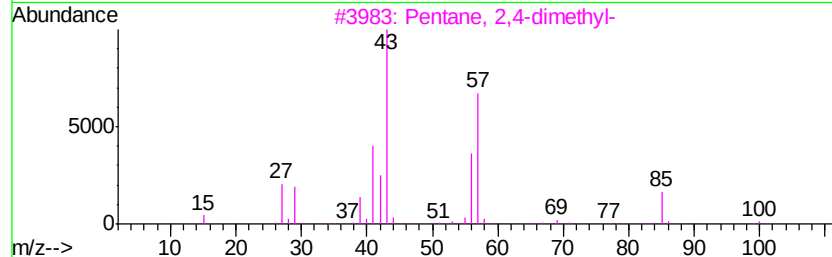
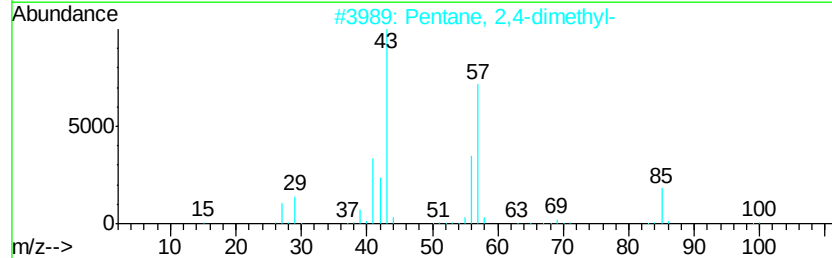
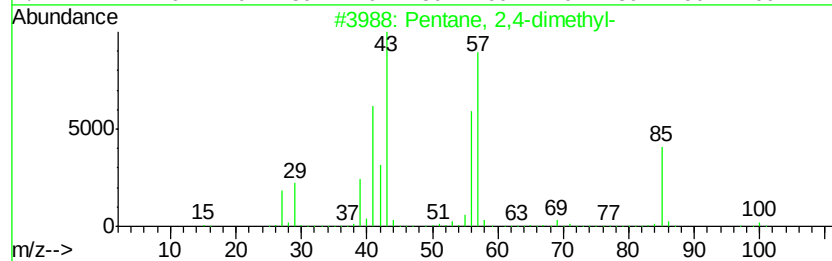
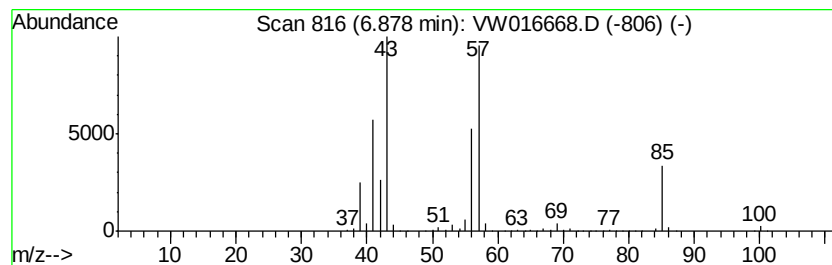
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	187.65 ug/L	2788930	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	94
2		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
3		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

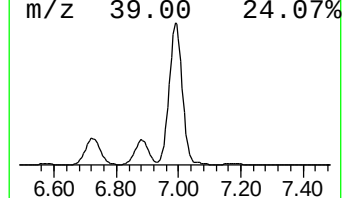
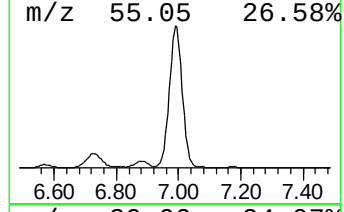
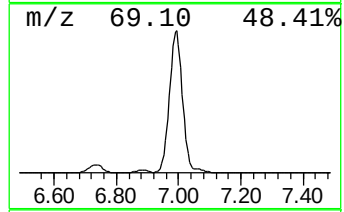
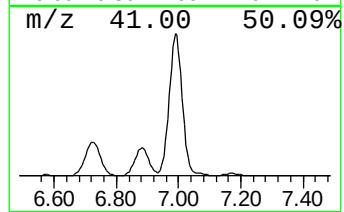
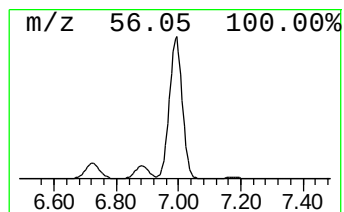
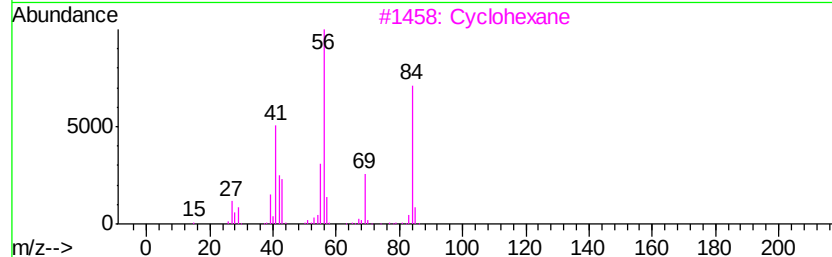
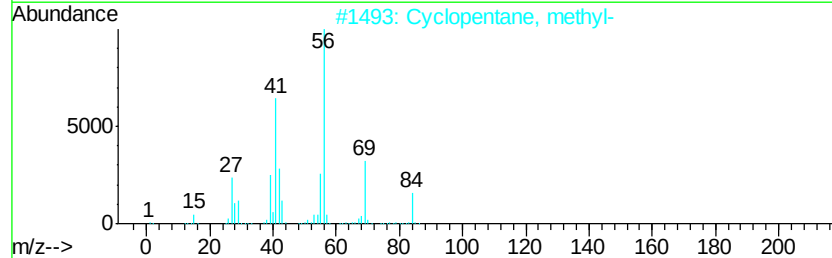
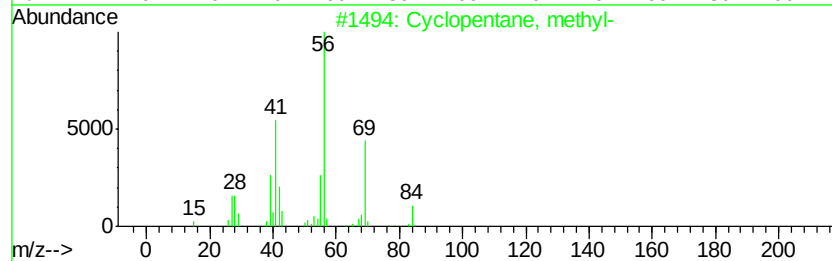
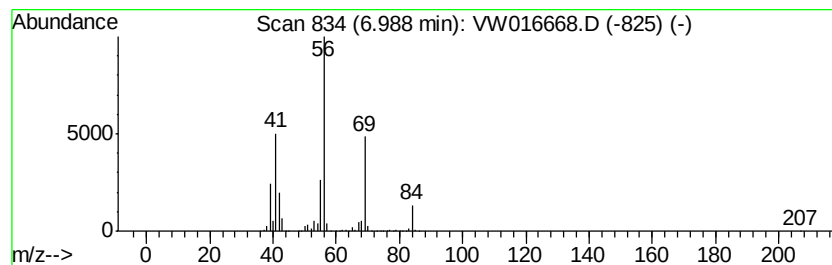
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Cyclic6.99 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	821.68 ug/L	12212100	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3		Cyclohexane	84	C6H12	000110-82-7	78
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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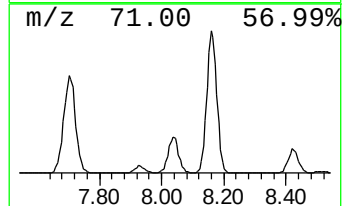
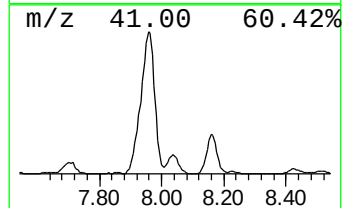
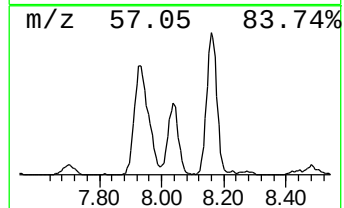
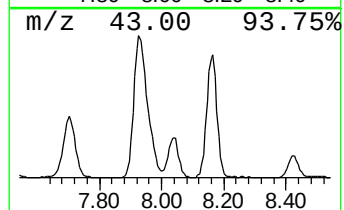
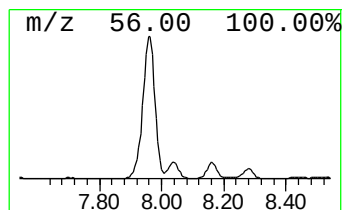
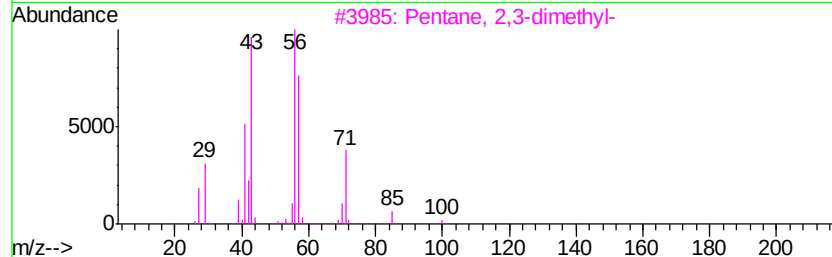
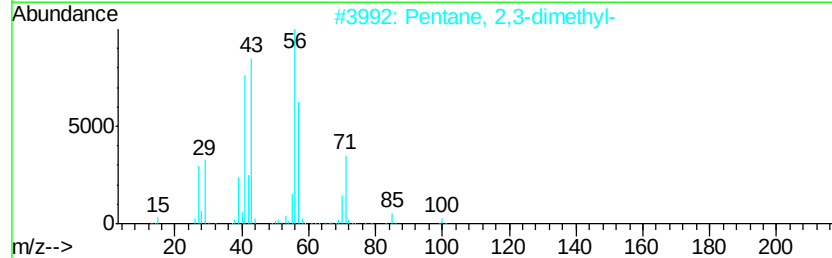
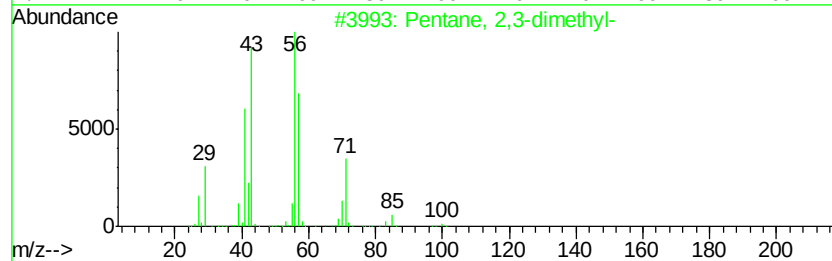
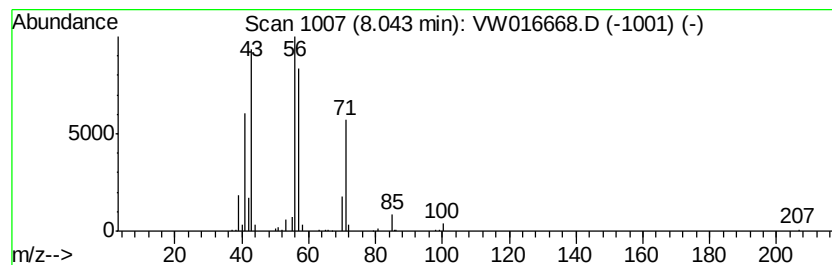
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	12.05 ug/L	179051	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	74
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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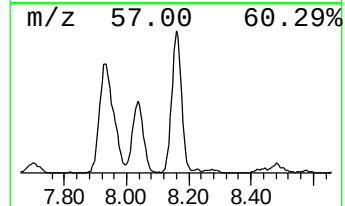
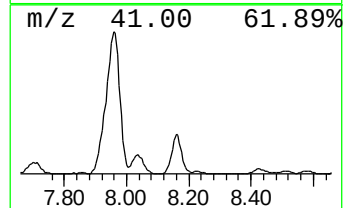
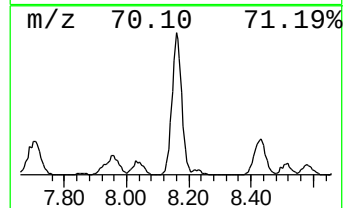
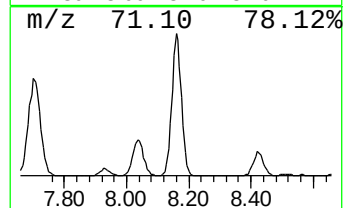
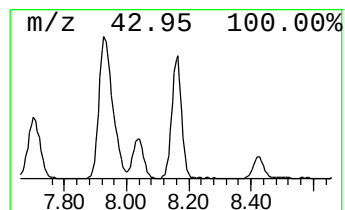
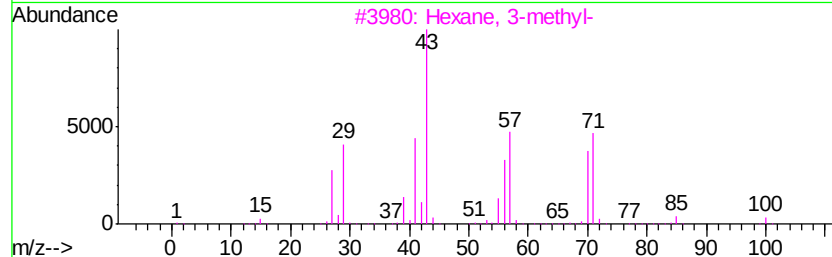
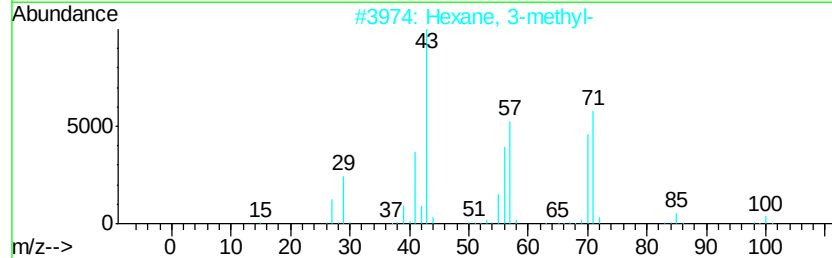
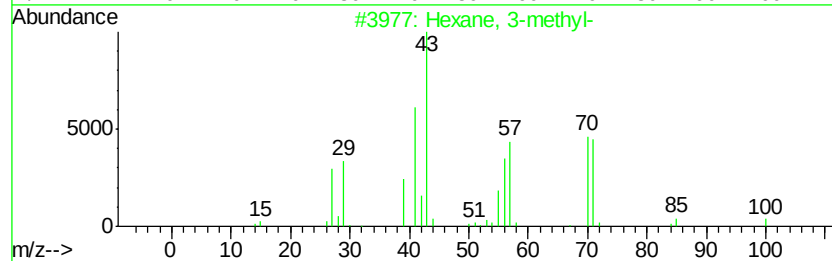
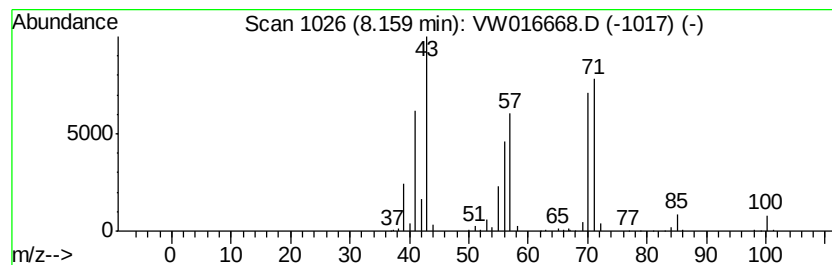
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	28.17 ug/L	418725	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	90
4		Heptane	100	C7H16	000142-82-5	80
5		Heptane	100	C7H16	000142-82-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

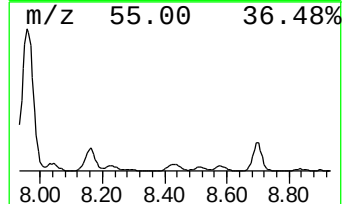
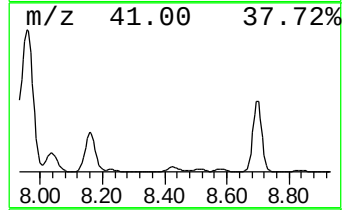
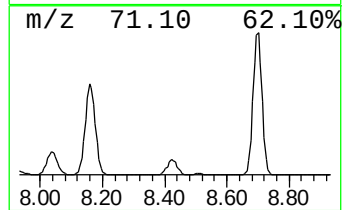
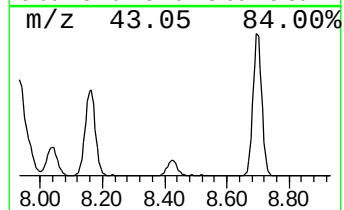
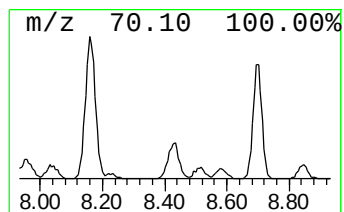
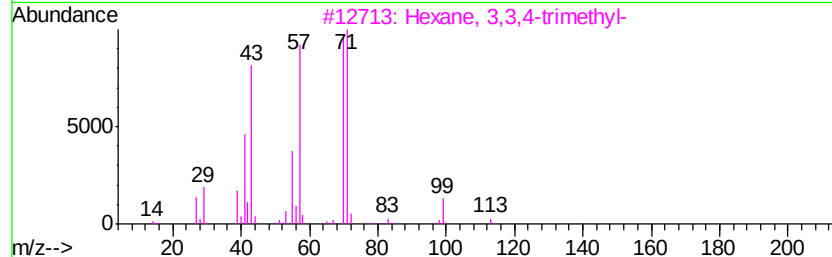
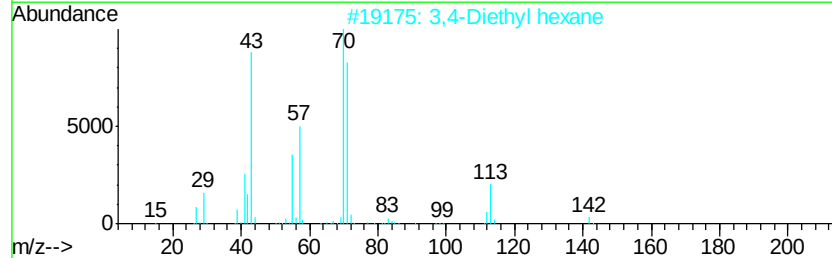
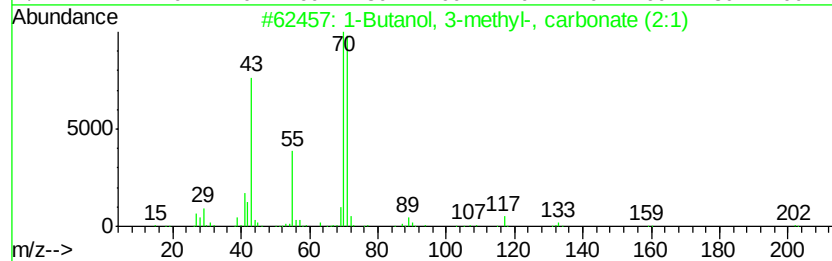
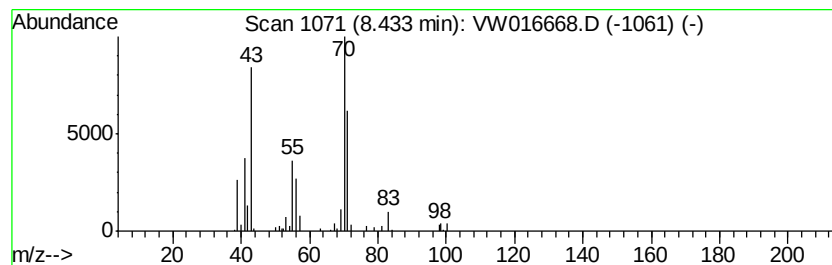
Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 14 1-Butanol, 3-methyl-, carbo... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.43	5.14 ug/L	76353	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 3-methyl-, carbonate ...	202	C11H22O3	002050-95-5	72
2	3,4-Diethyl hexane	142	C10H22	019398-77-7	64
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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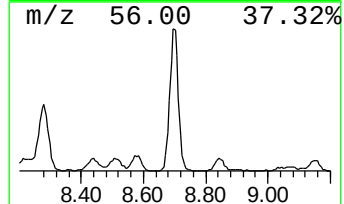
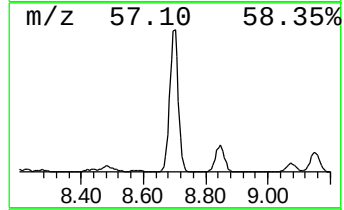
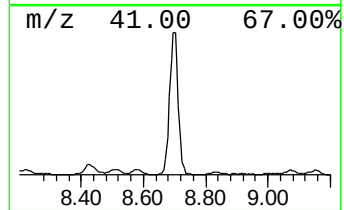
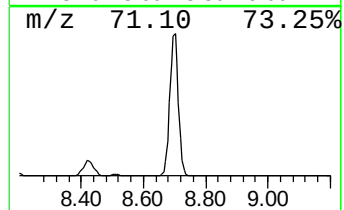
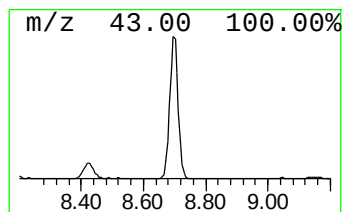
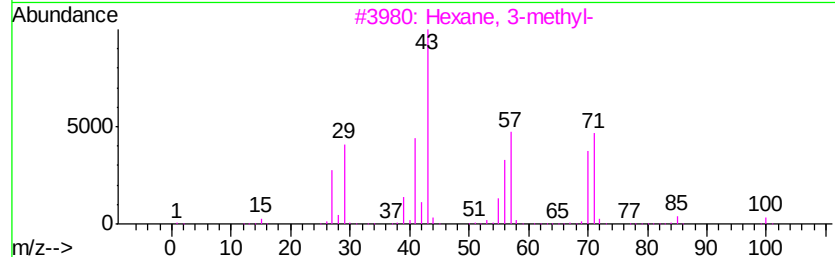
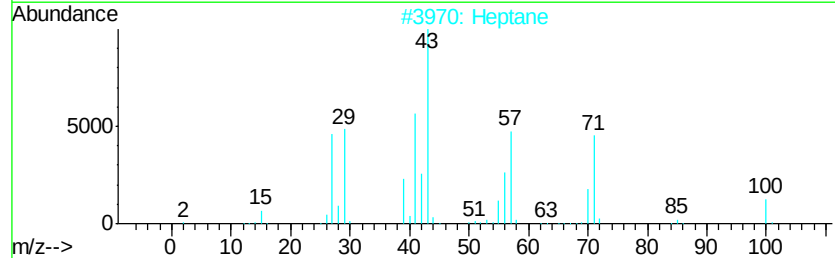
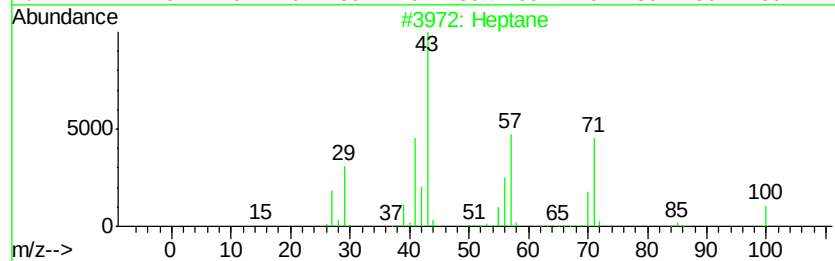
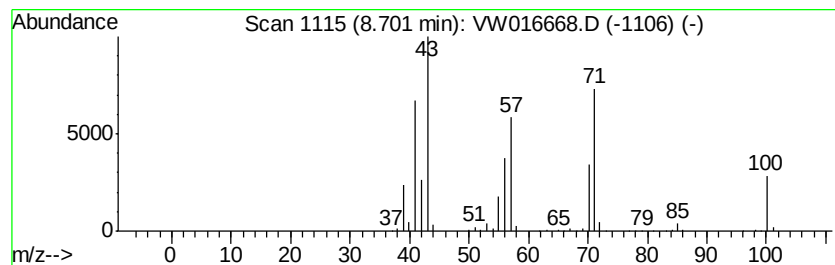
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	38.42 ug/L	571019	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	86
2		Heptane	100	C7H16	000142-82-5	72
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	59
5		Heptane	100	C7H16	000142-82-5	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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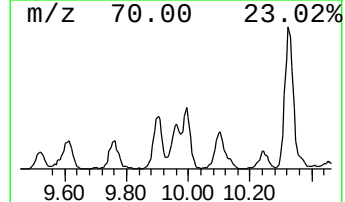
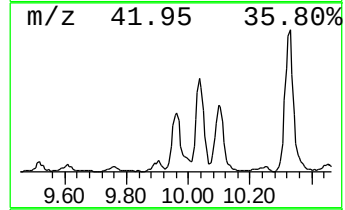
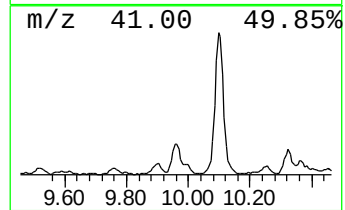
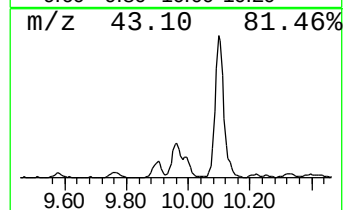
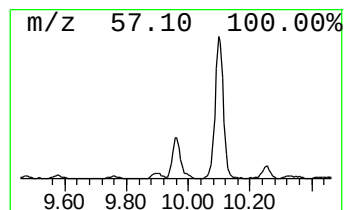
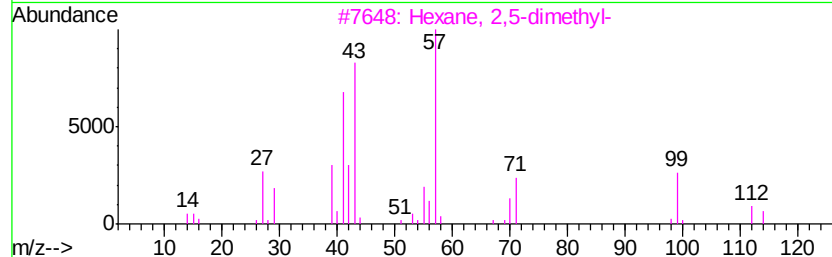
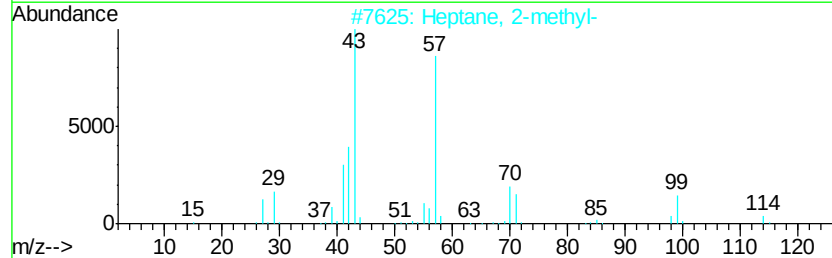
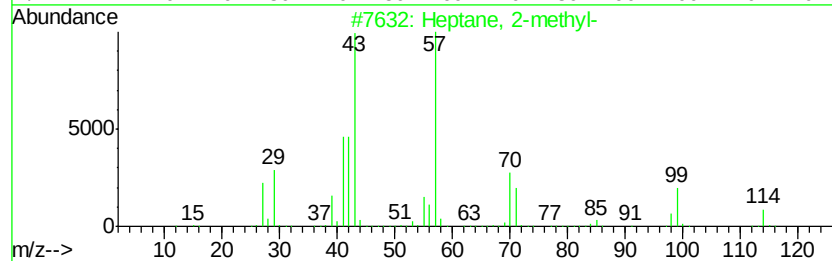
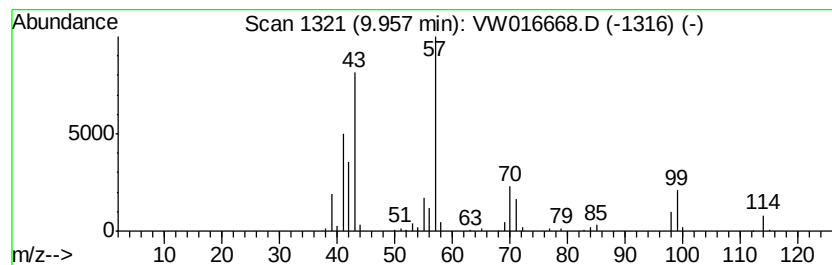
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	6.04 ug/L	89832	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	86
3		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59
5		2-Piperidinone	99	C5H9NO	000675-20-7	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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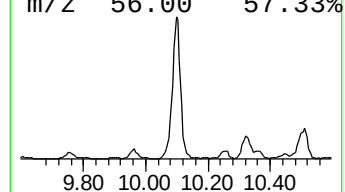
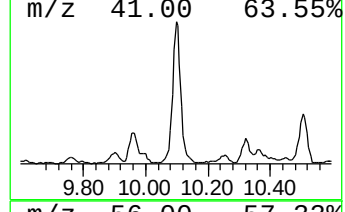
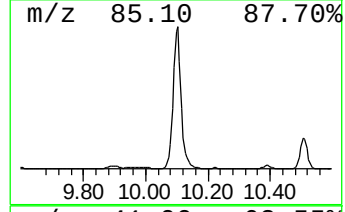
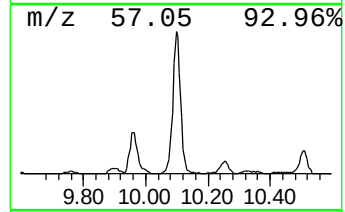
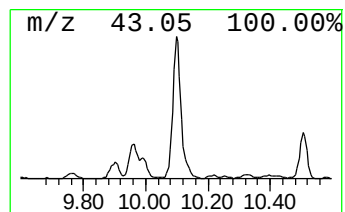
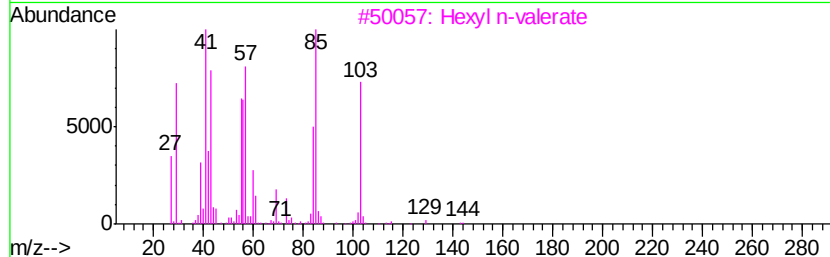
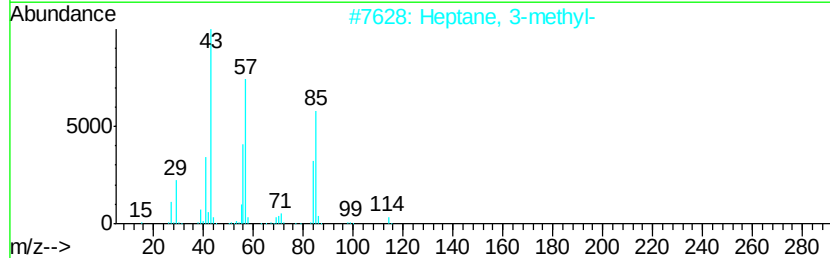
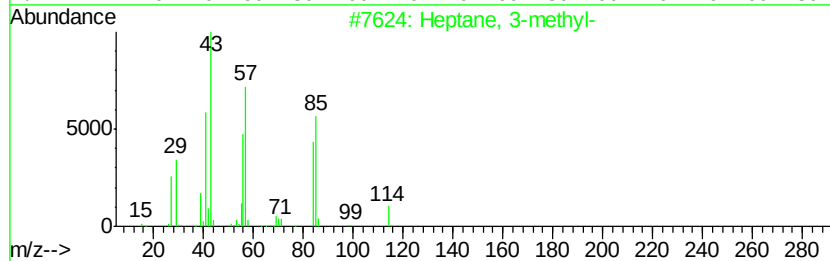
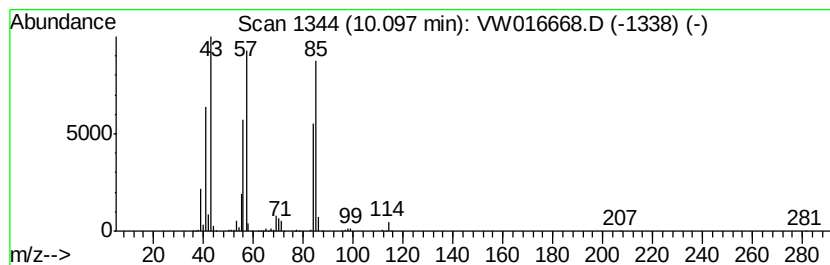
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	33.47 ug/L	497445	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	87
3		Hexyl n-valerate	186	C11H22O2	001117-59-5	72
4		Hexane, 2-methyl-	100	C7H16	000591-76-4	64
5		Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG3Y7

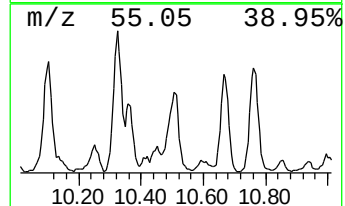
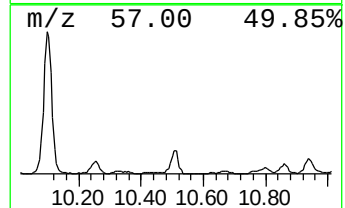
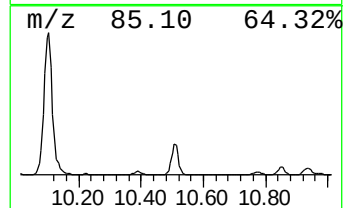
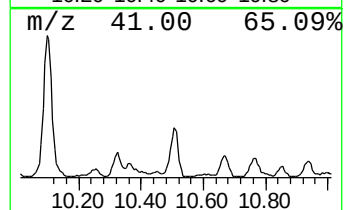
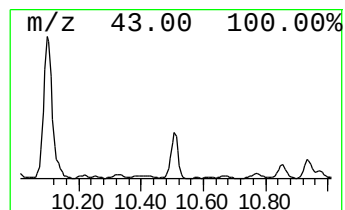
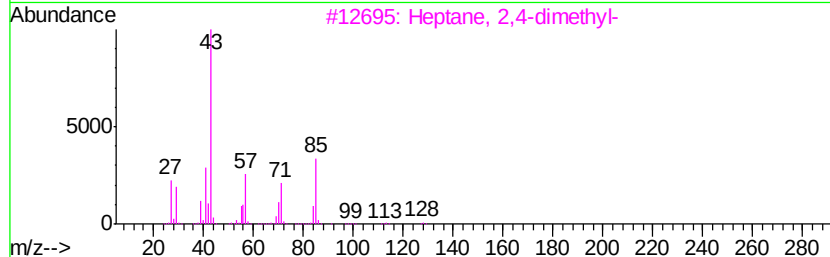
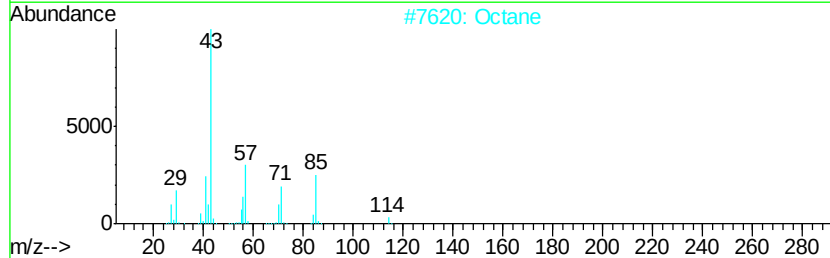
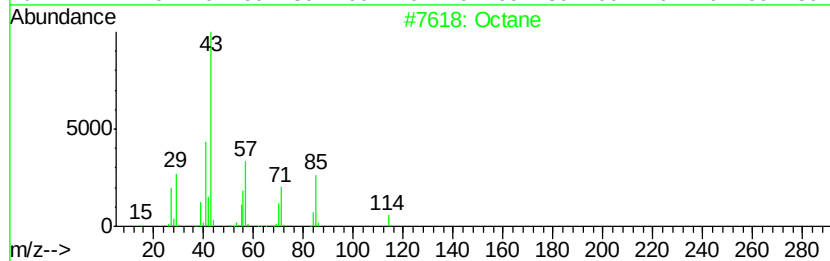
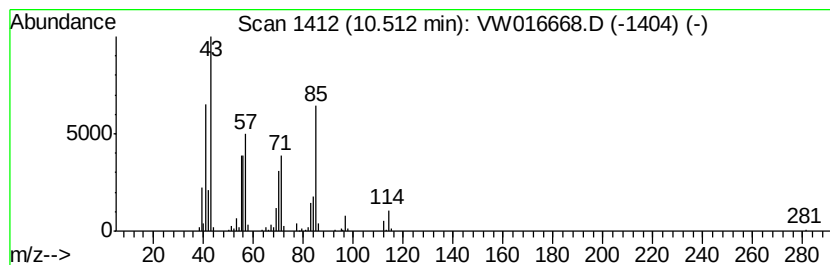
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	11.08 ug/L	178956	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	83
2		Octane	114	C8H18	000111-65-9	80
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4		Octane	114	C8H18	000111-65-9	58
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

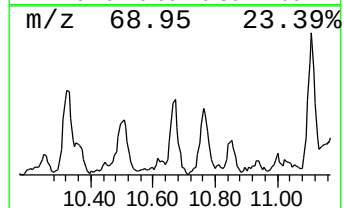
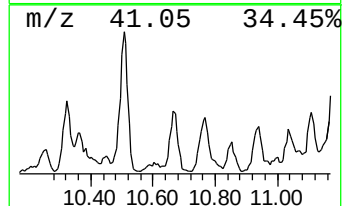
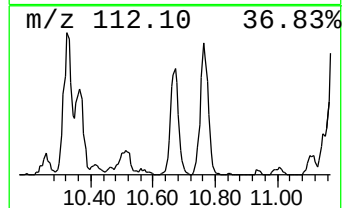
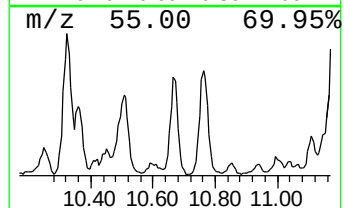
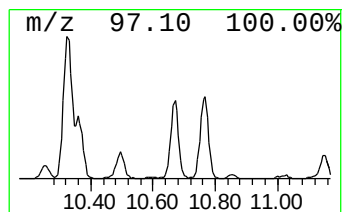
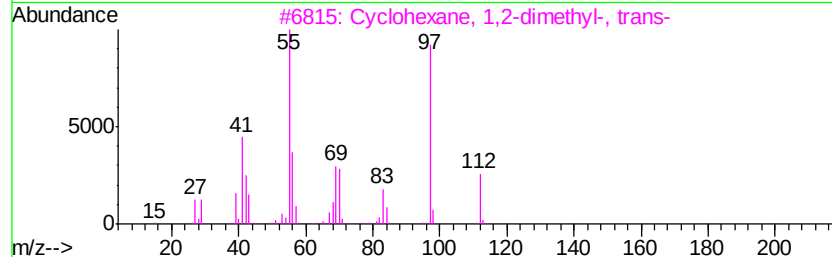
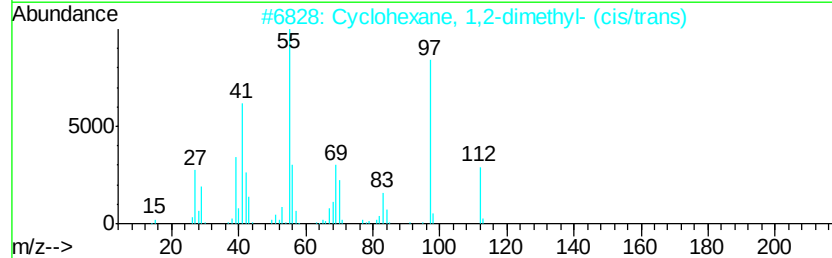
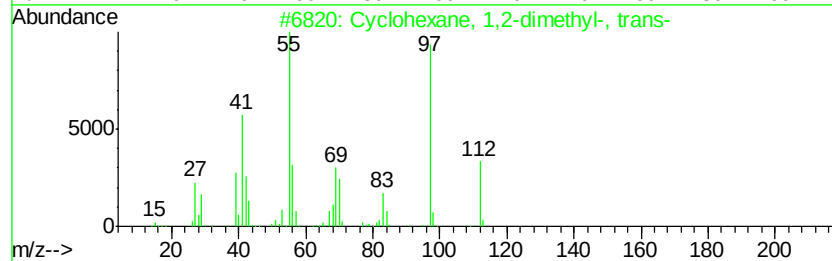
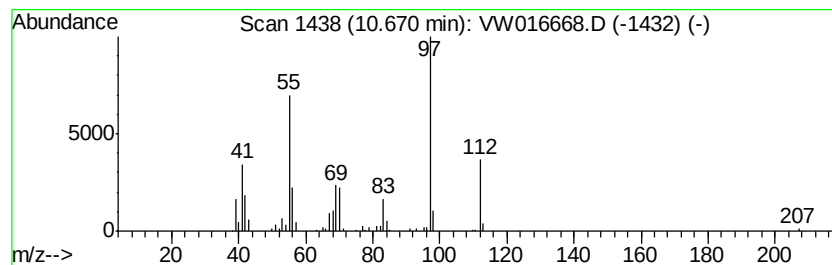
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Cyclic10.67 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	5.54 ug/L	89496	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
2		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
4		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

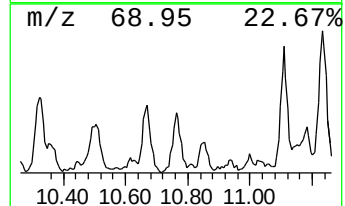
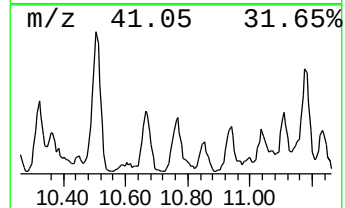
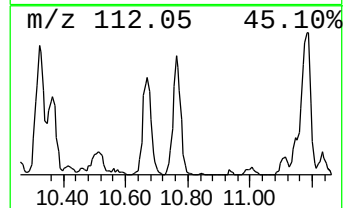
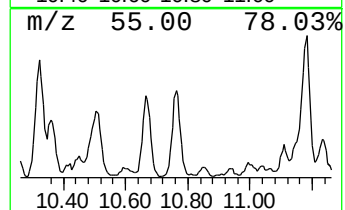
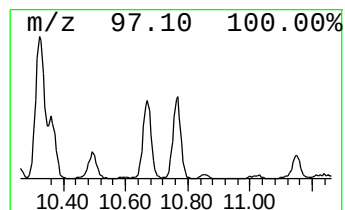
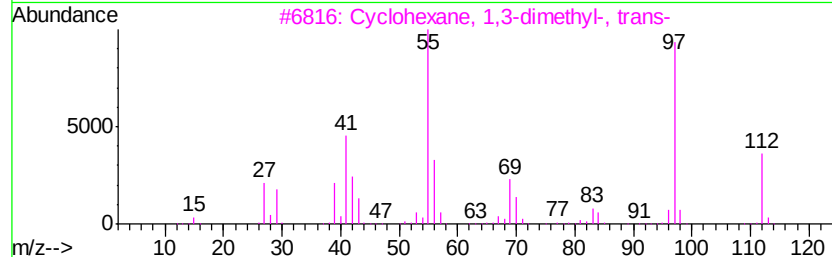
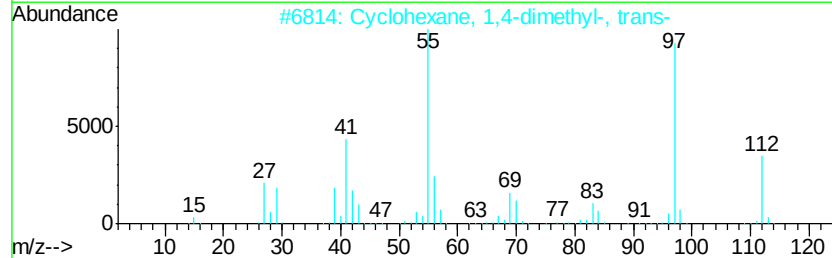
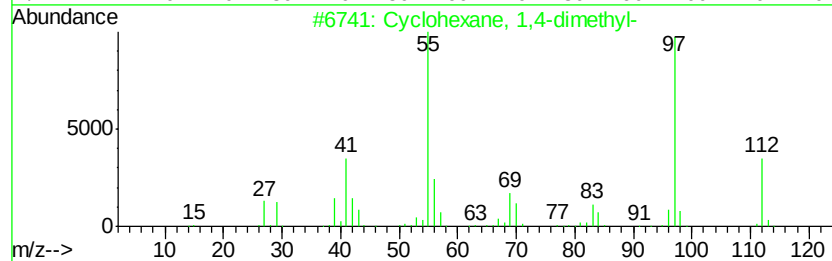
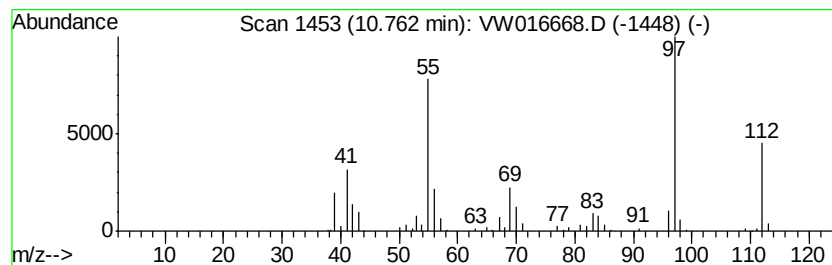
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Cyclic10.76 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	6.23 ug/L	100652	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91
2		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
5		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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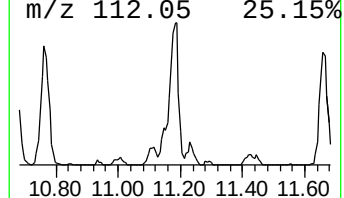
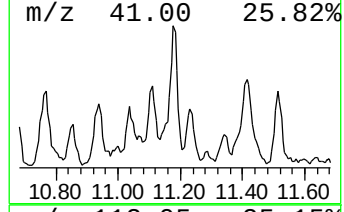
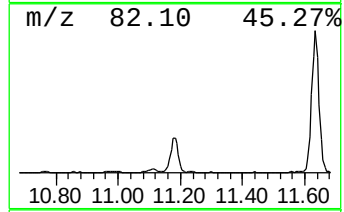
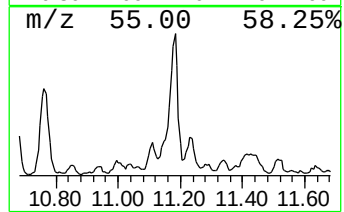
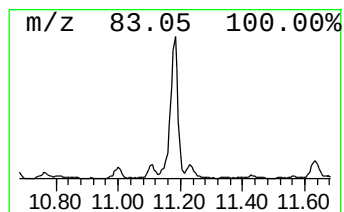
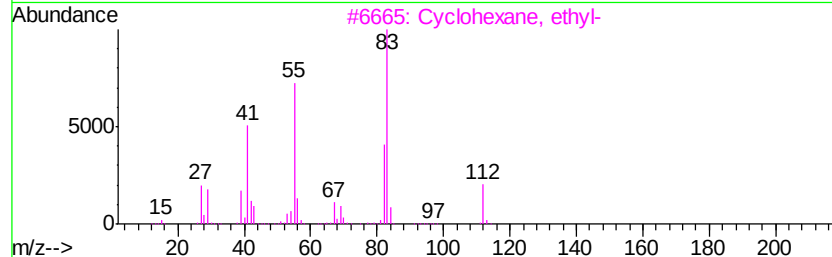
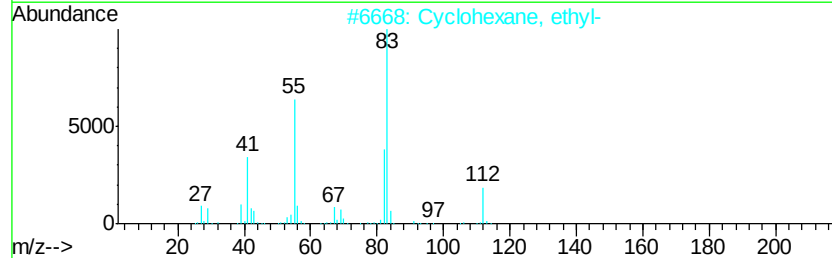
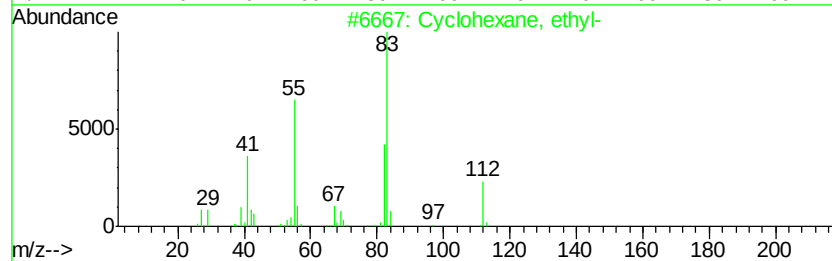
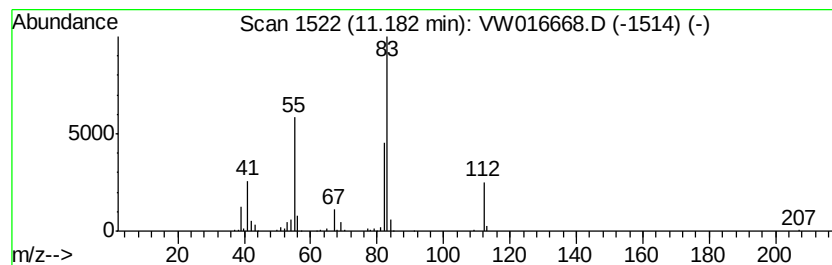
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Cyclic11.18 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	8.58 ug/L	138538	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
5			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

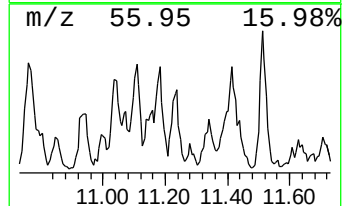
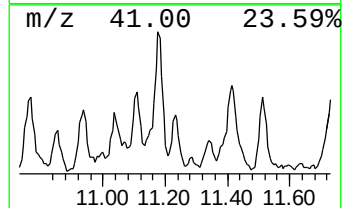
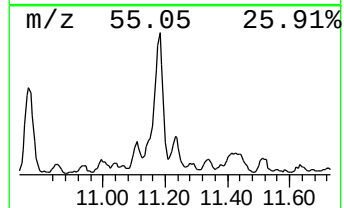
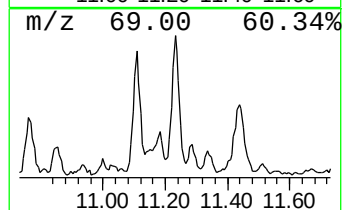
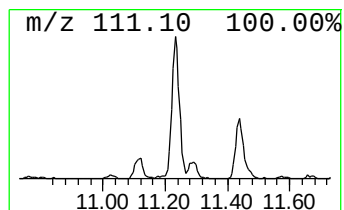
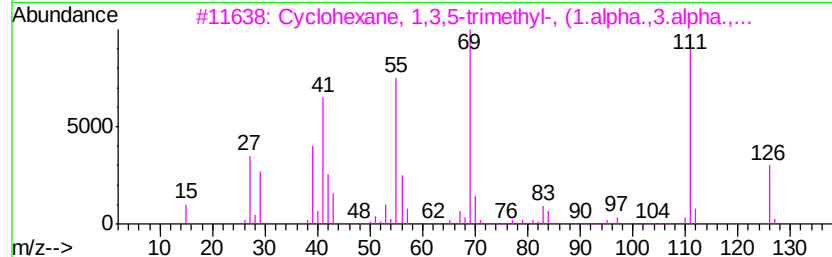
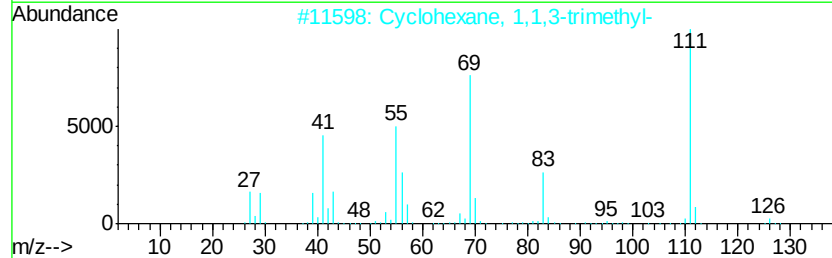
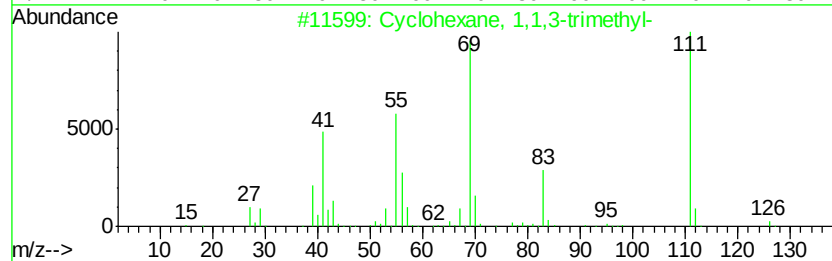
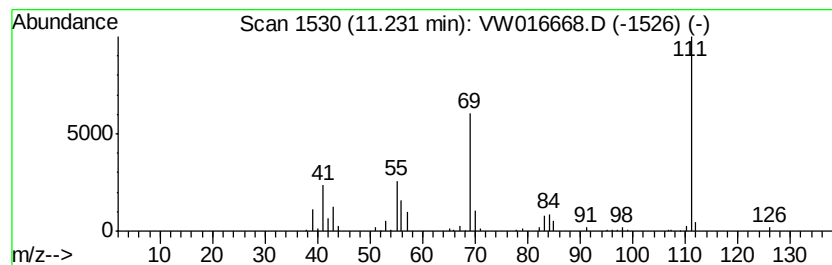
Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Cyclic11.23 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.23	3.80 ug/L	61341	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	56
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	52
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	43
4	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	39
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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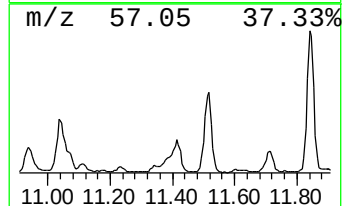
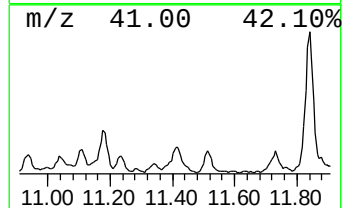
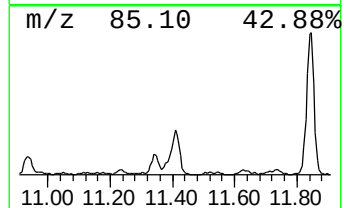
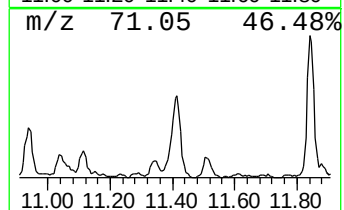
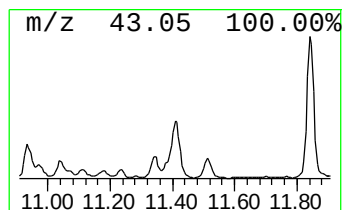
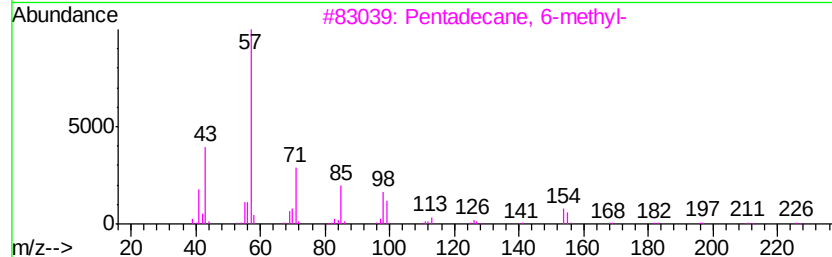
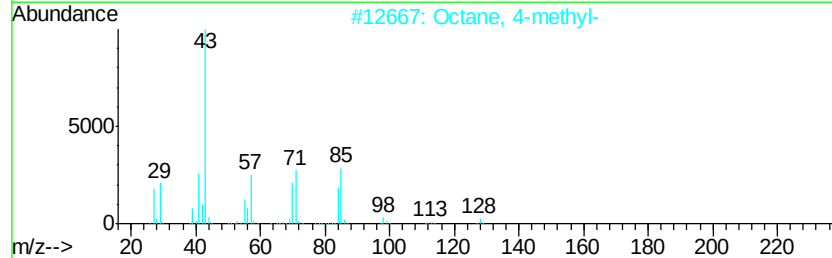
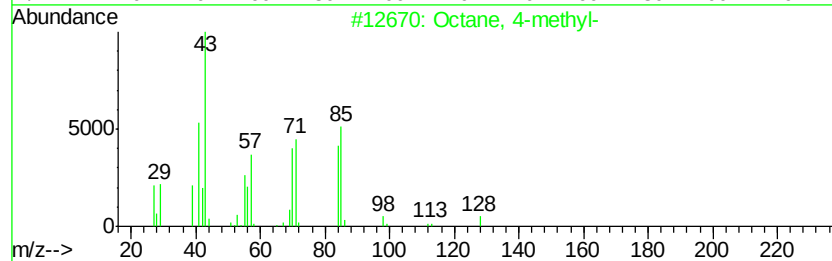
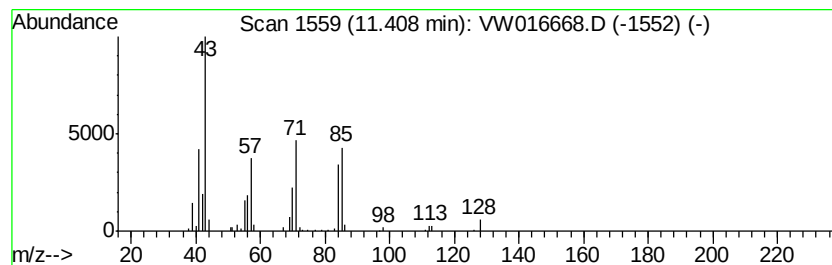
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	9.19 ug/L	148392	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-methyl-	128	C9H20	002216-34-4	72
2		Octane, 4-methyl-	128	C9H20	002216-34-4	58
3		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	53
4		Ether, hexyl pentyl	172	C11H24O	032357-83-8	53
5		Octane, 2-methyl-	128	C9H20	003221-61-2	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

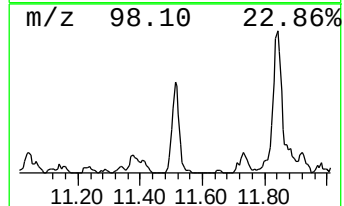
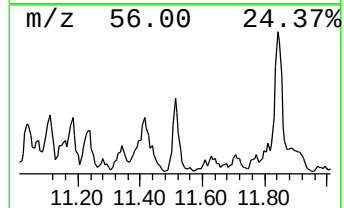
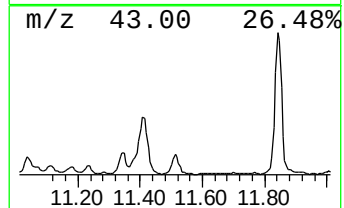
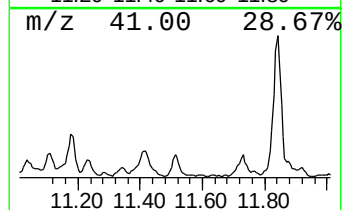
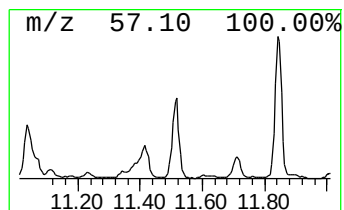
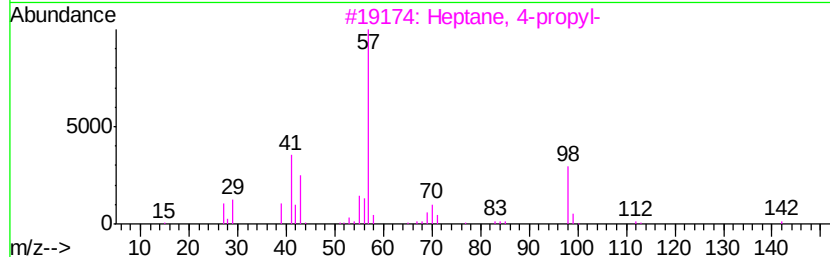
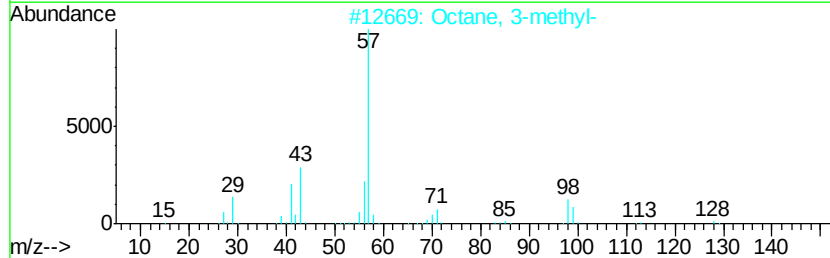
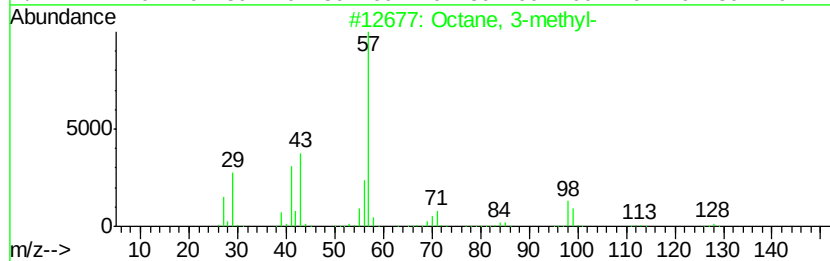
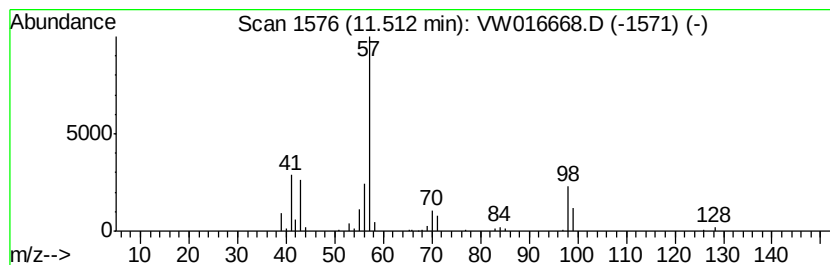
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	3.96 ug/L	63967	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	80
2			Octane, 3-methyl-	128	C9H20	002216-33-3	74
3			Heptane, 4-propyl-	142	C10H22	003178-29-8	64
4			Undecane, 6-methyl-	170	C12H26	017302-33-9	64
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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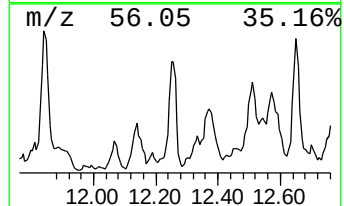
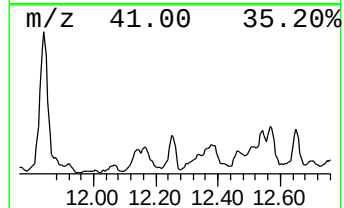
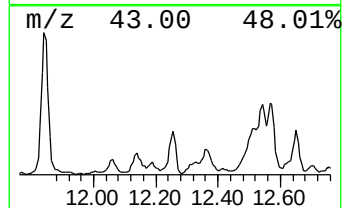
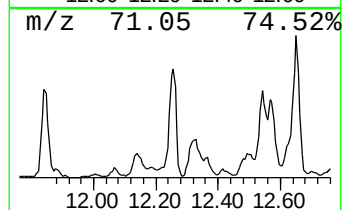
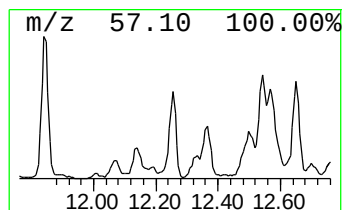
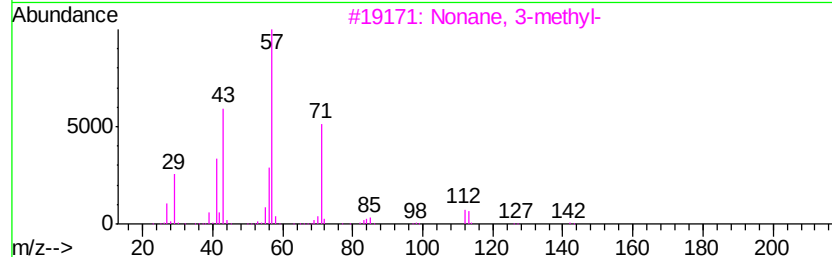
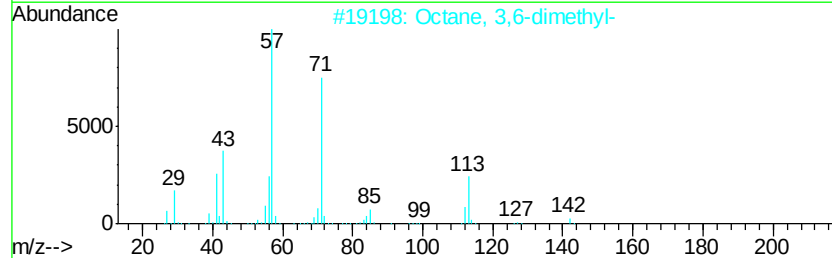
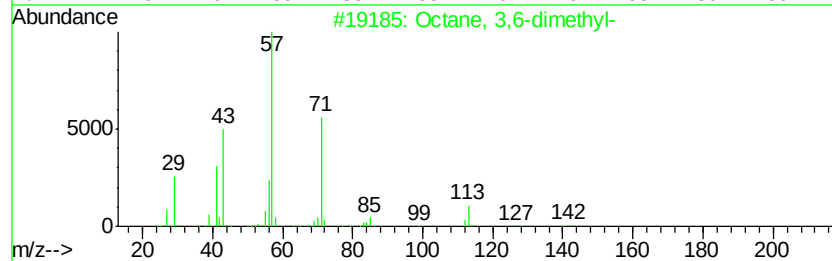
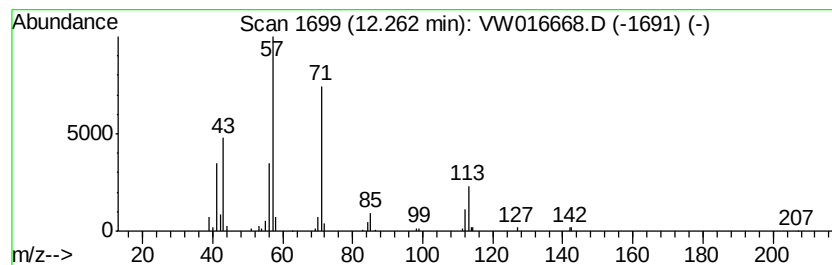
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	6.41 ug/L	103423	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	81
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

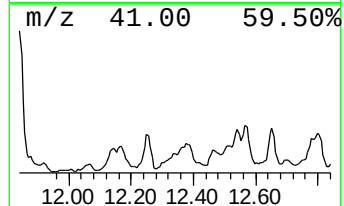
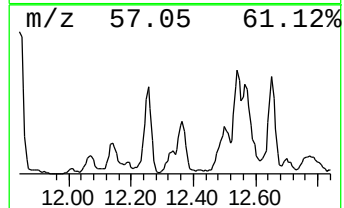
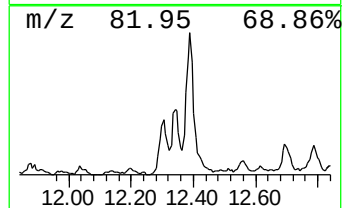
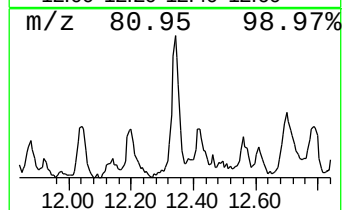
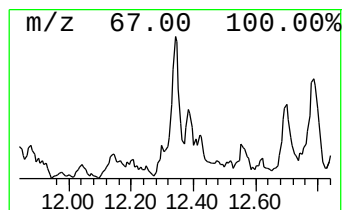
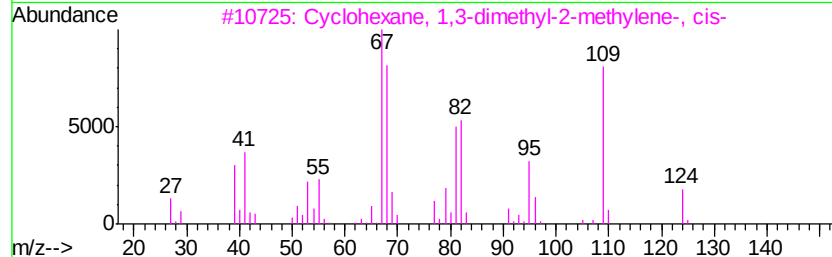
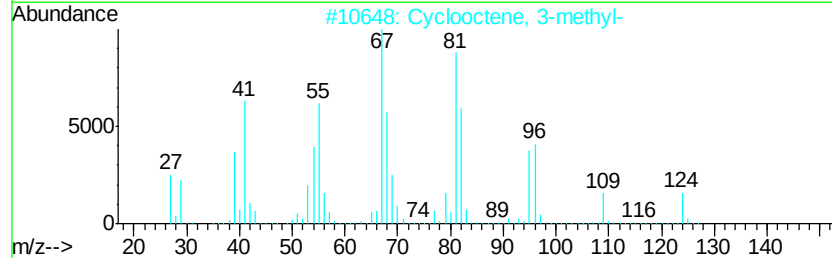
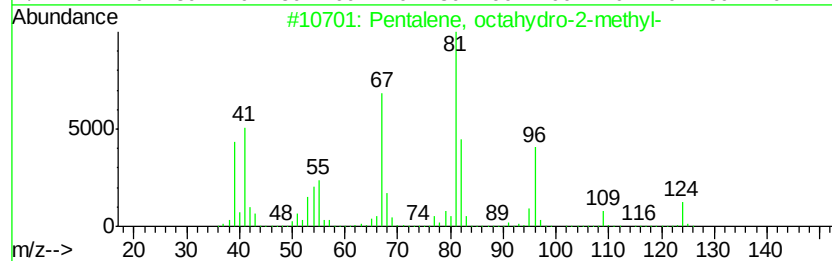
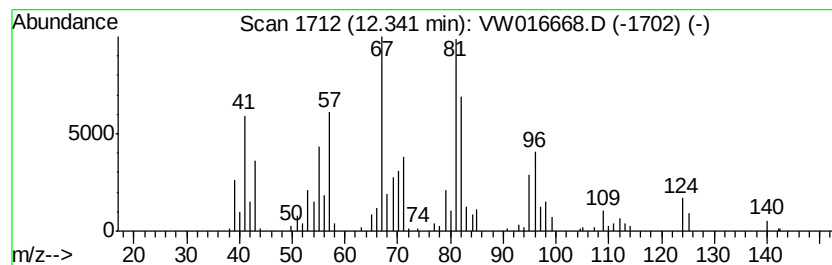
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 27 Pentalene, octahydro-2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.34	7.11 ug/L	114864	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	74	
2	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	58	
3	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	45	
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	43	
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	43	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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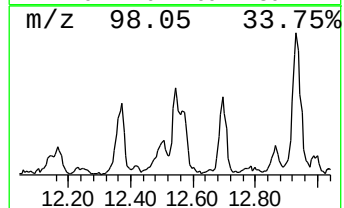
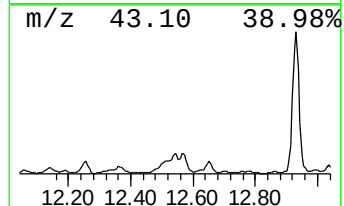
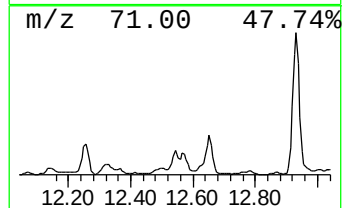
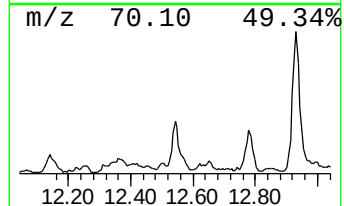
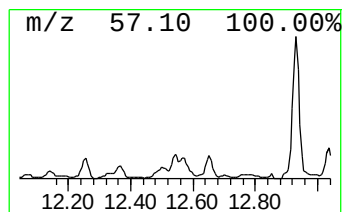
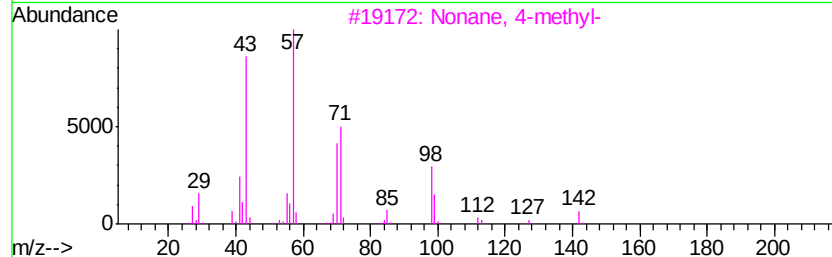
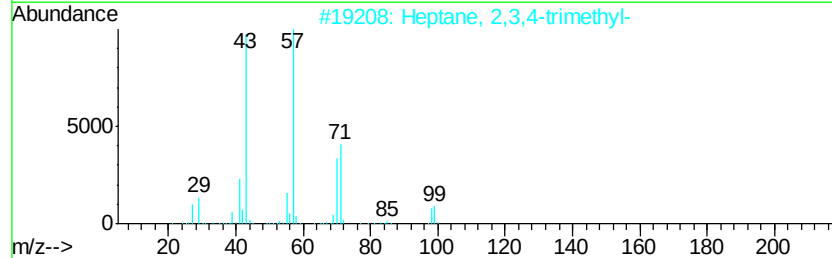
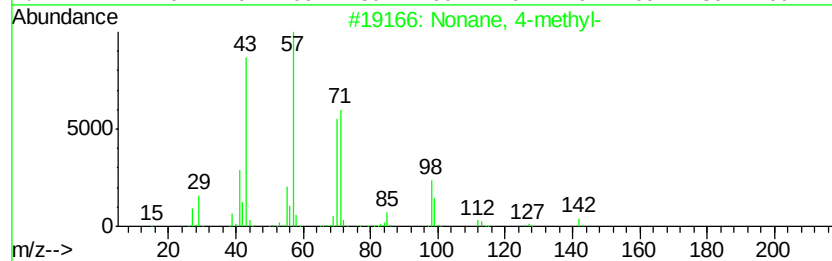
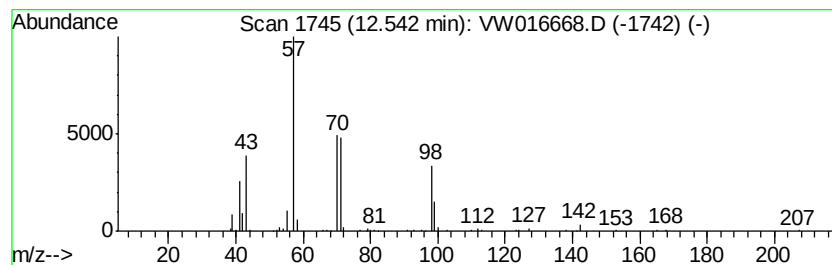
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	4.93 ug/L	79569	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	86
2		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	56
4		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	53
5		1,2-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-1	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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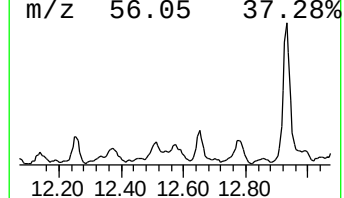
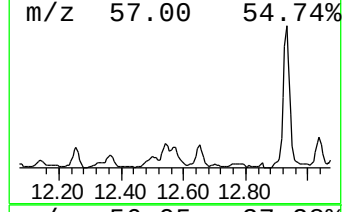
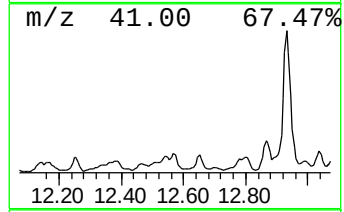
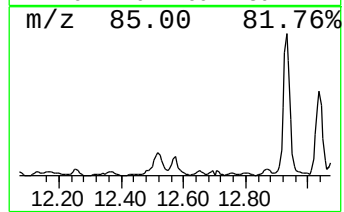
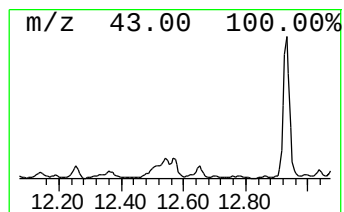
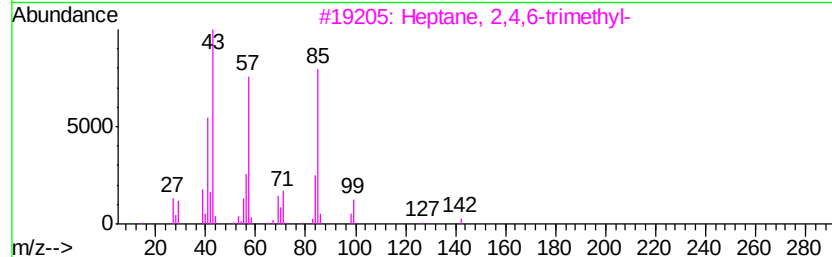
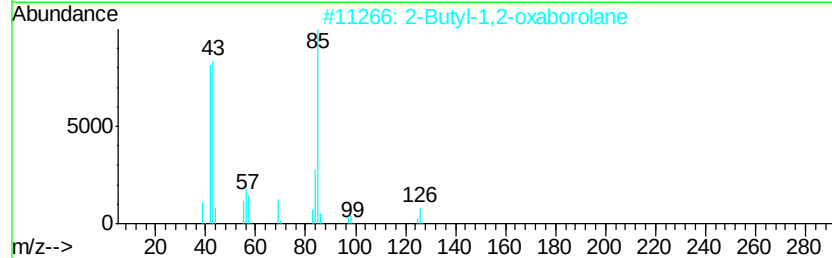
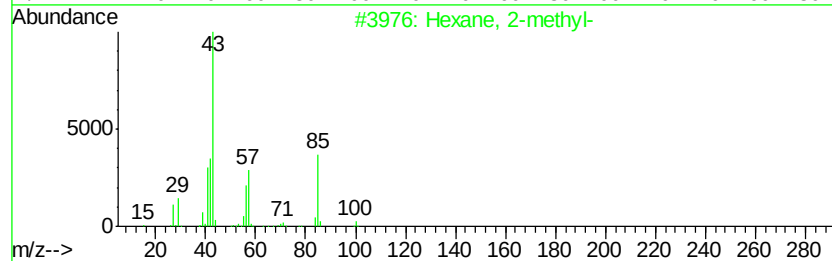
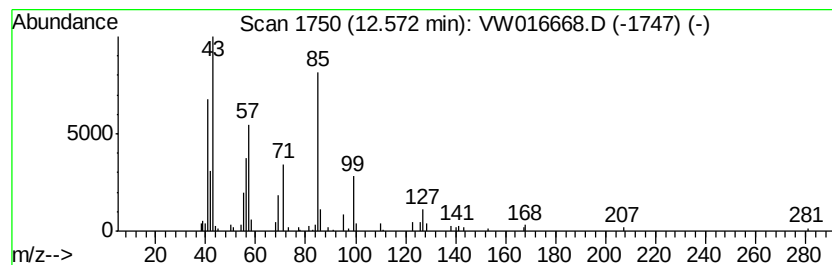
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	4.02 ug/L	64972	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2-methyl-	100	C7H16	000591-76-4	50
2		2-Butyl-1,2-oxaborolane	126	C7H15BO	005357-13-1	49
3		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	43
4		Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	43
5		Undecane, 4,4-dimethyl-	184	C13H28	017312-68-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

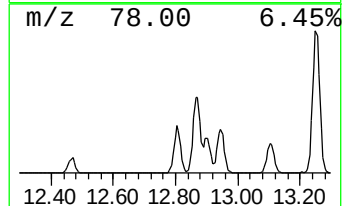
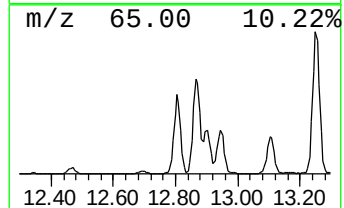
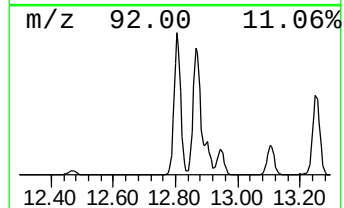
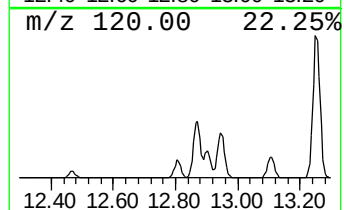
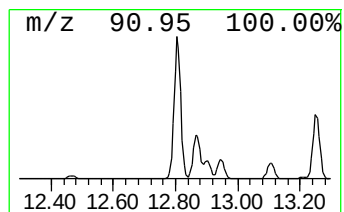
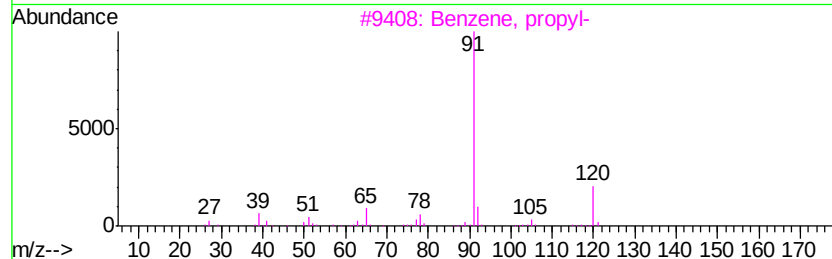
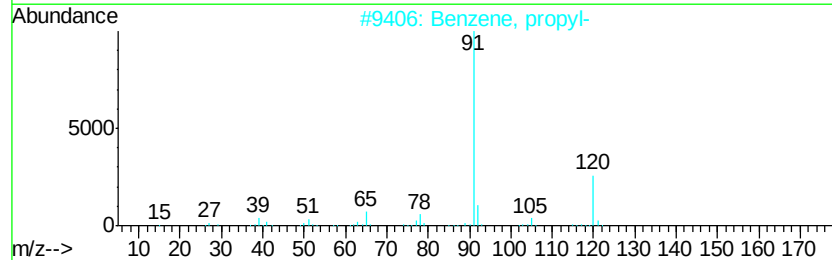
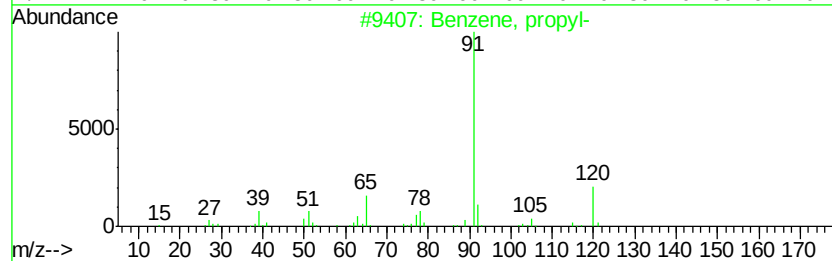
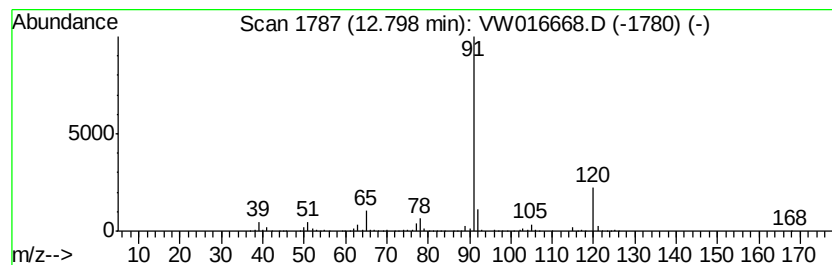
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 30 Benzene, propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	10.24 ug/L	1133890	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 91
2		Benzene, propyl-	120 C9H12	000103-65-1 90
3		Benzene, propyl-	120 C9H12	000103-65-1 90
4		n-Butylbenzylamine	163 C11H17N	002403-22-7 64
5		1,2-Ethanediamine, N,N'-bis(phen...	240 C16H20N2	000140-28-3 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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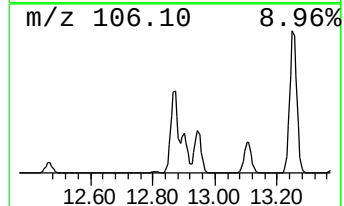
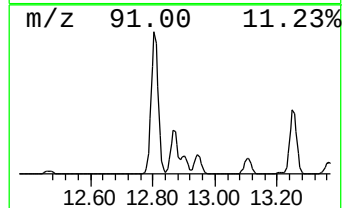
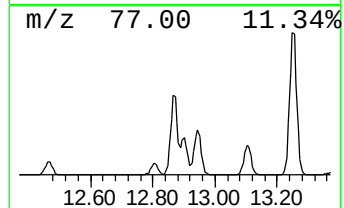
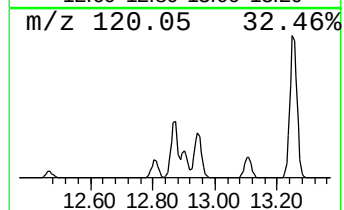
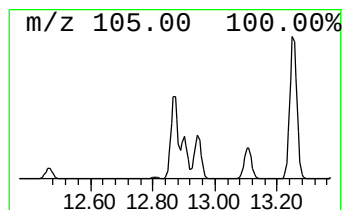
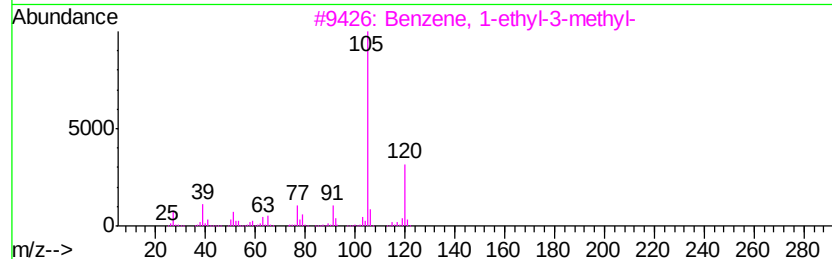
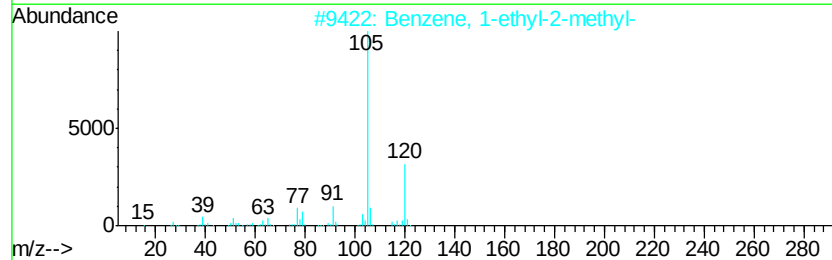
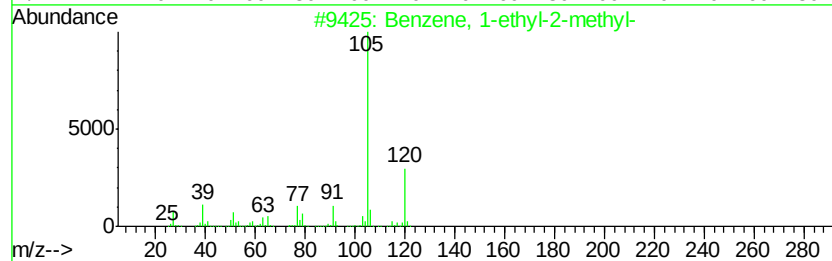
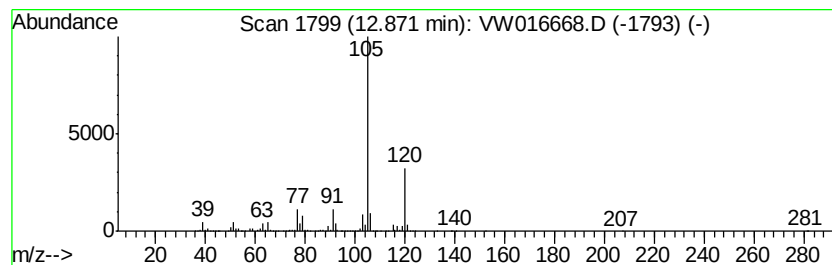
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Quant Title : VOC Analysis

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

Peak Number 31 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	32.65 ug/L	3615620	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	95
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

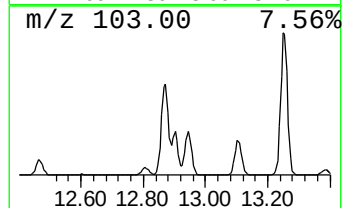
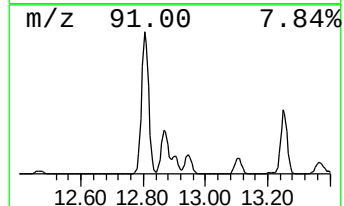
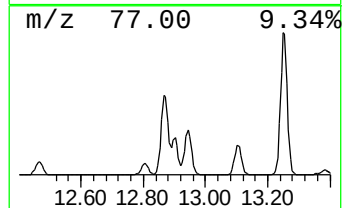
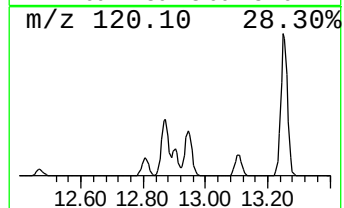
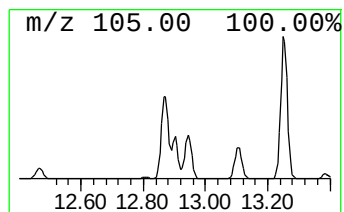
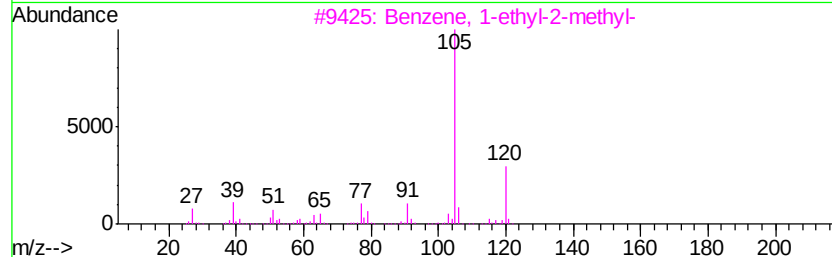
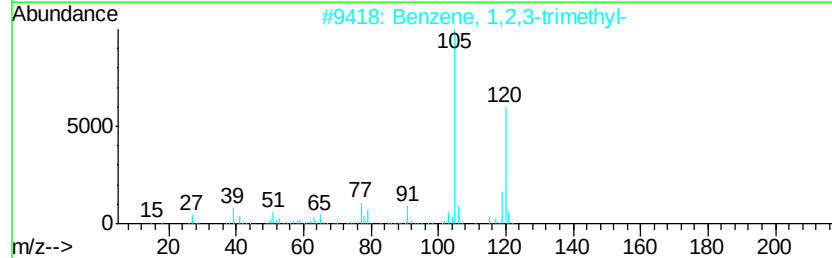
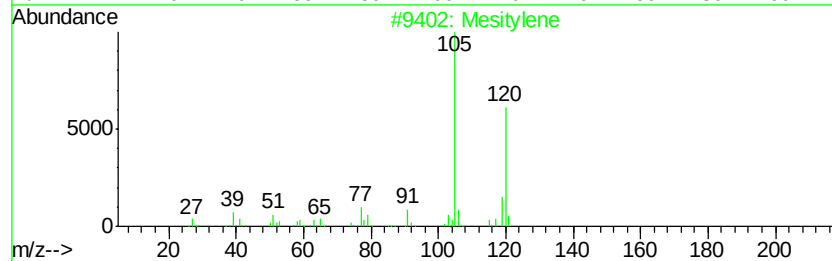
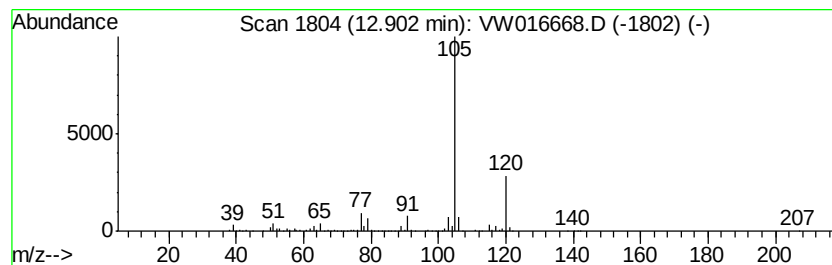
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Quant Title : VOC Analysis

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

Peak Number 32 Mesitylene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	12.56 ug/L	1391250	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	91
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG3Y7

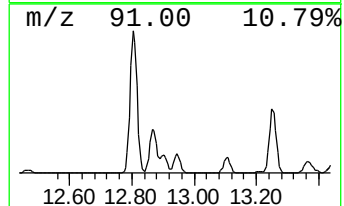
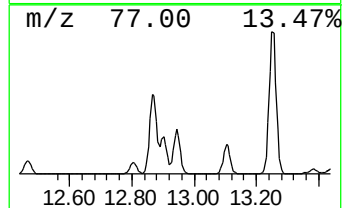
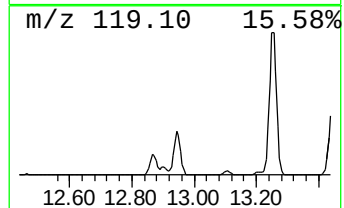
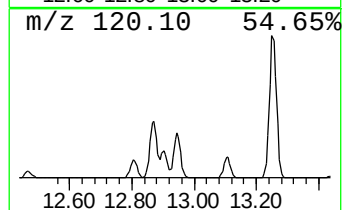
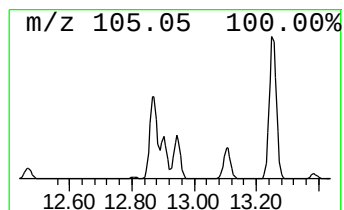
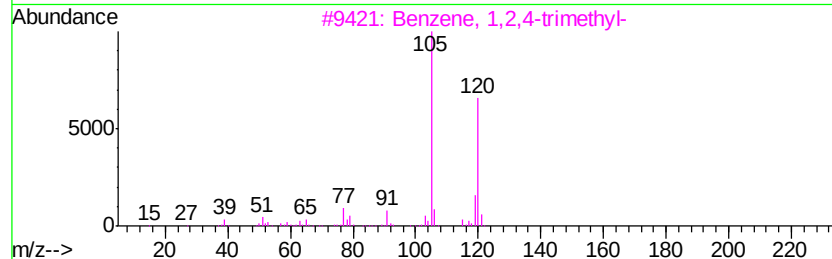
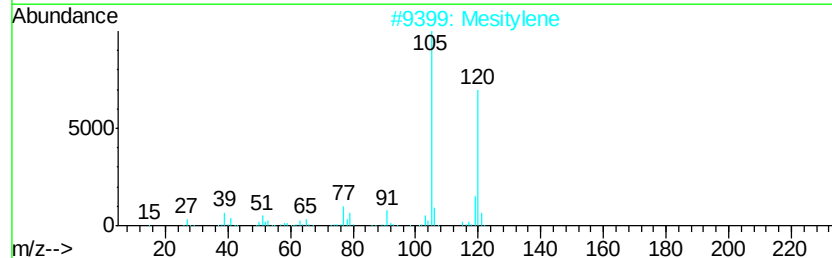
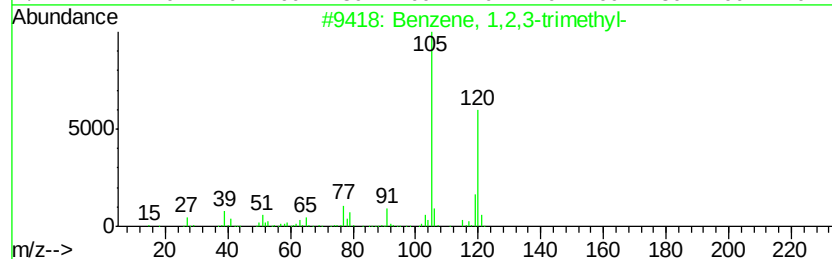
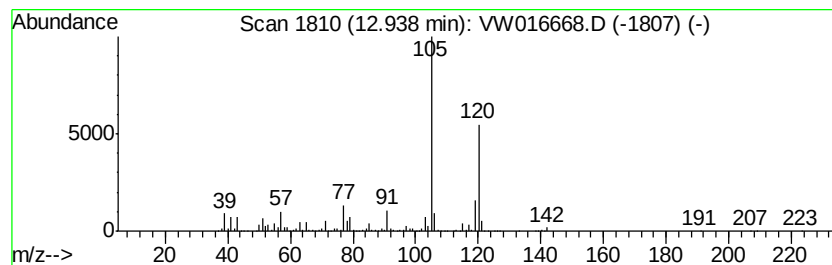
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Quant Title : VOC Analysis

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

Peak Number 33 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	23.42 ug/L	2593140	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	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Mesitylene	120	C9H12	000108-67-8	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

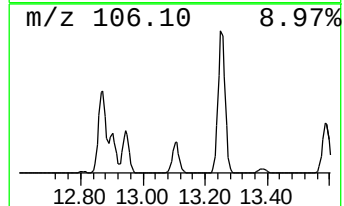
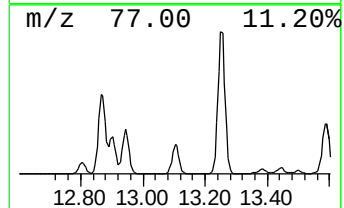
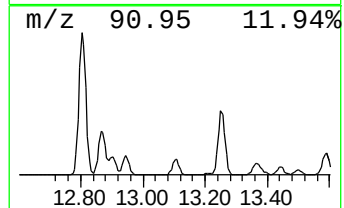
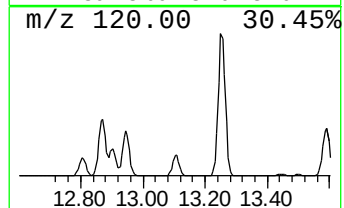
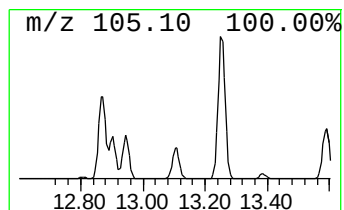
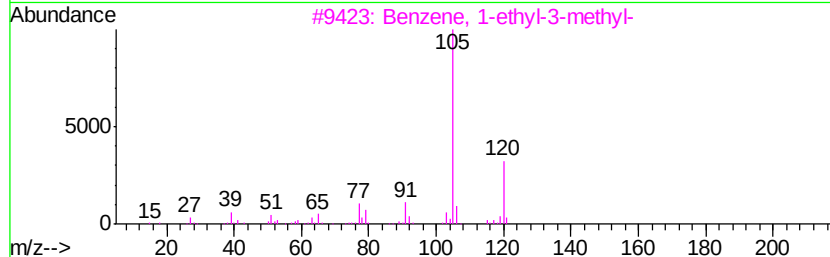
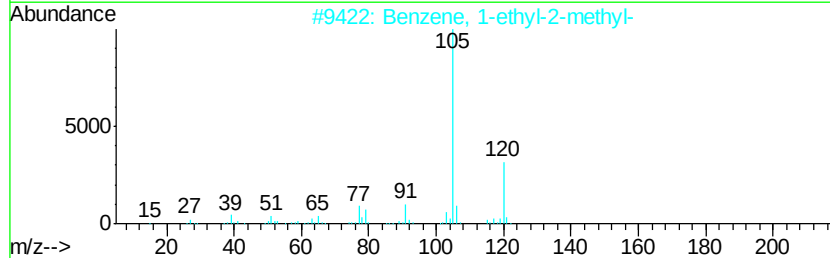
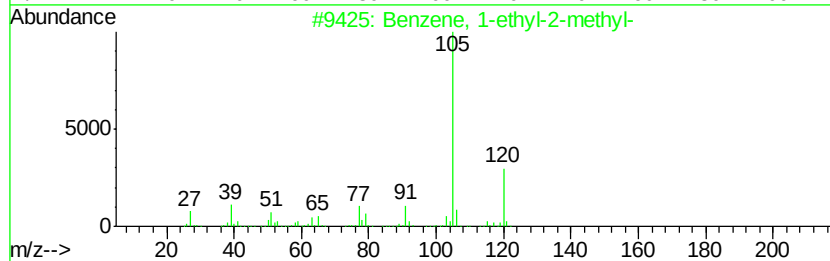
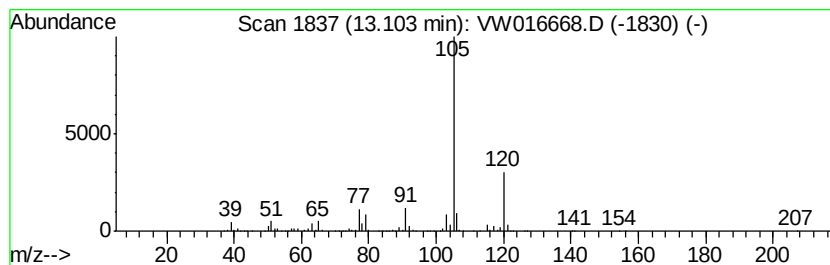
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Quant Title : VOC Analysis

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

Peak Number 34 Benzene, 1-ethyl-3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	12.95 ug/L	1433420	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	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016668.D
 Acq On : 28 Sep 2020 14:47
 Operator : SY/VA
 Sample : L4171-05
 Misc : 6.23G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y7

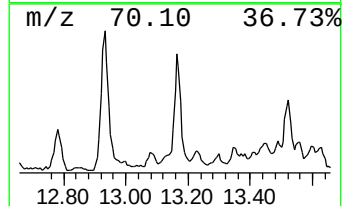
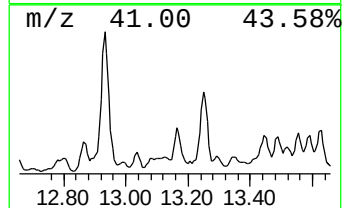
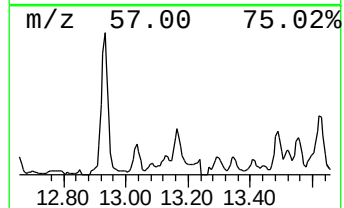
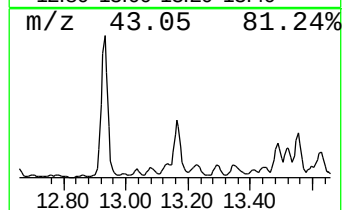
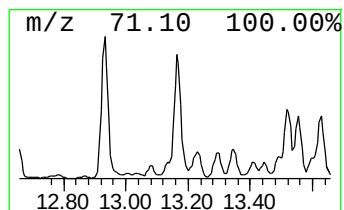
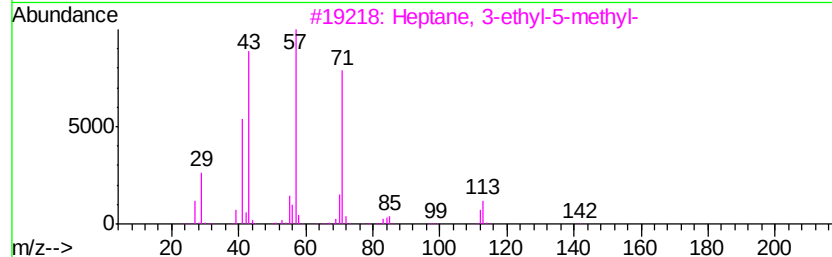
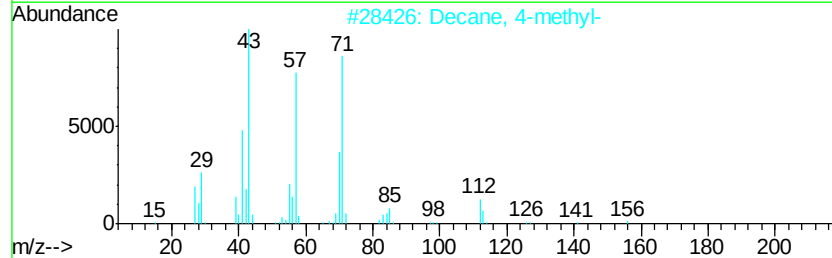
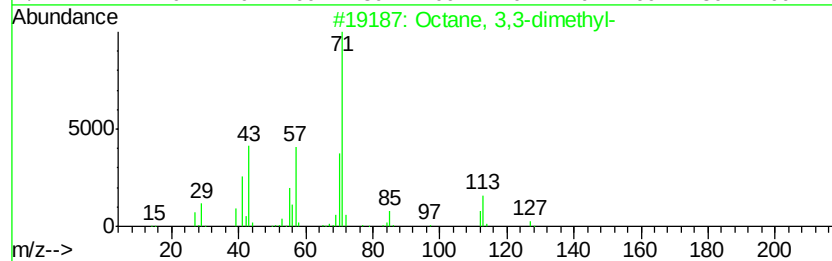
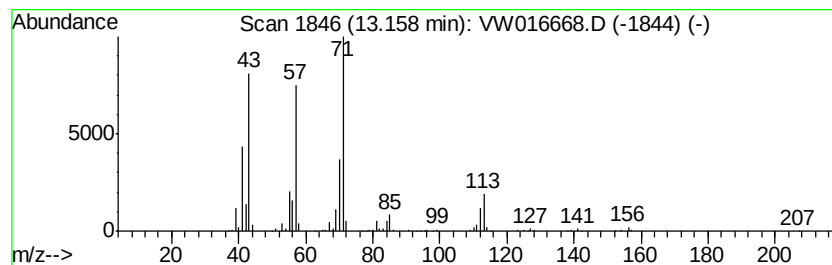
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 Quant Title : VOC Analysis

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

 Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.23 ug/L	247428	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	83
2		Decane, 4-methyl-	156	C11H24	002847-72-5	72
3		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72
4		Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	64
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

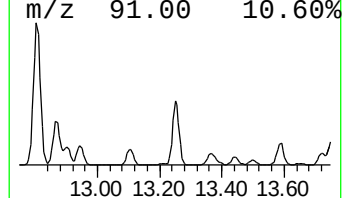
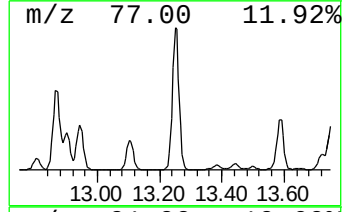
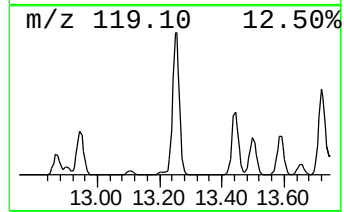
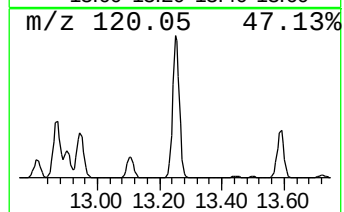
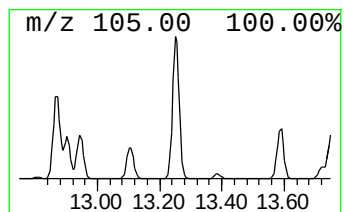
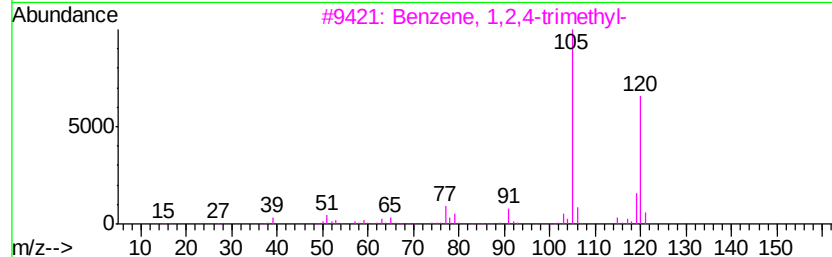
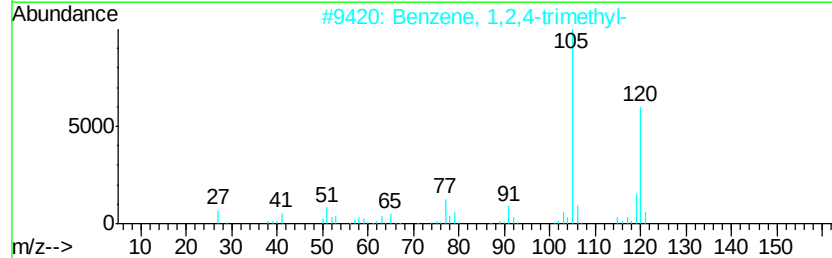
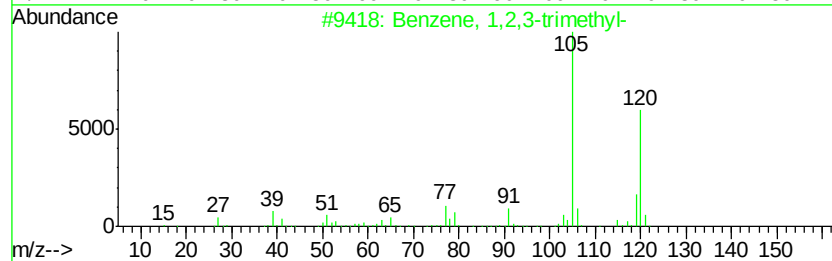
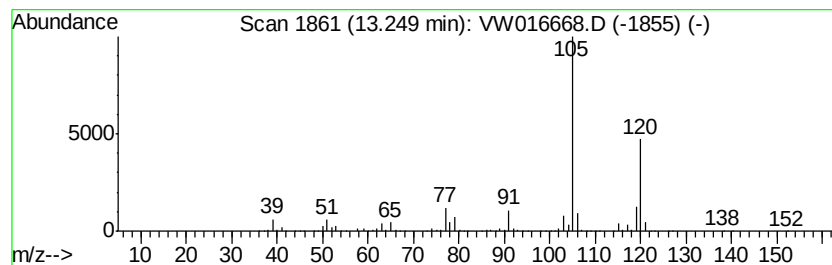
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Quant Title : VOC Analysis

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

Peak Number 36 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	58.96 ug/L	6528870	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

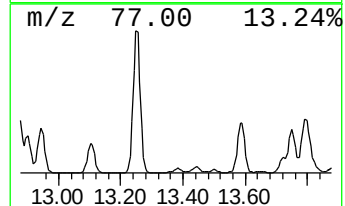
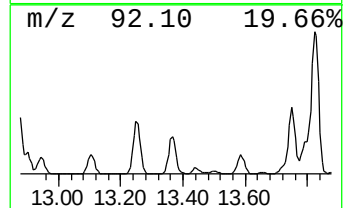
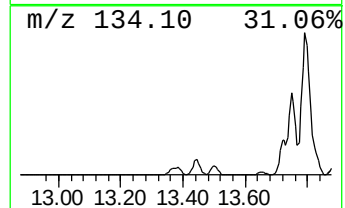
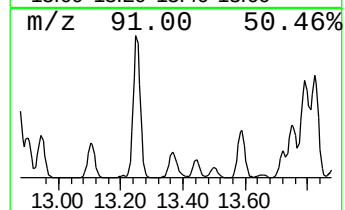
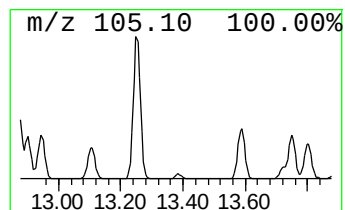
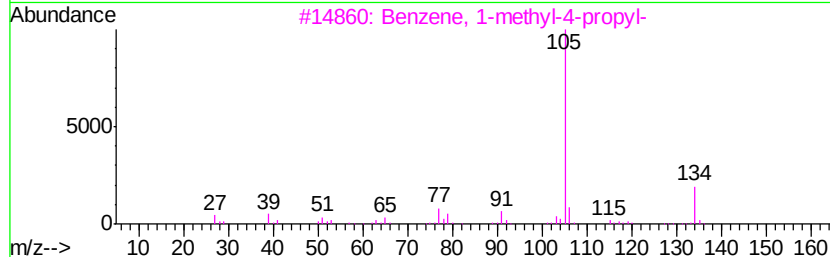
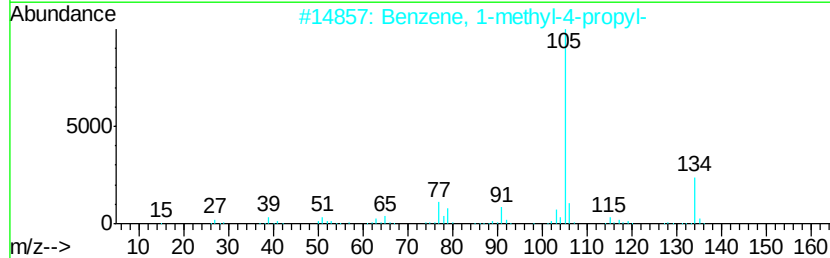
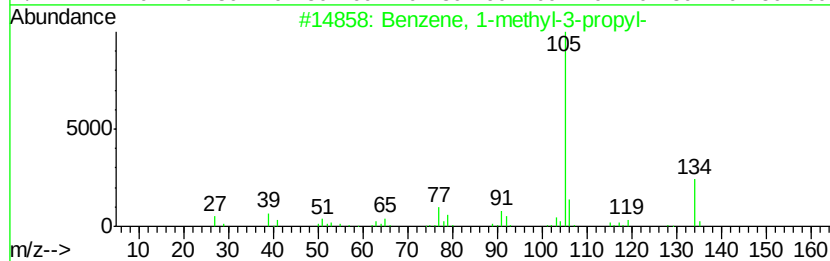
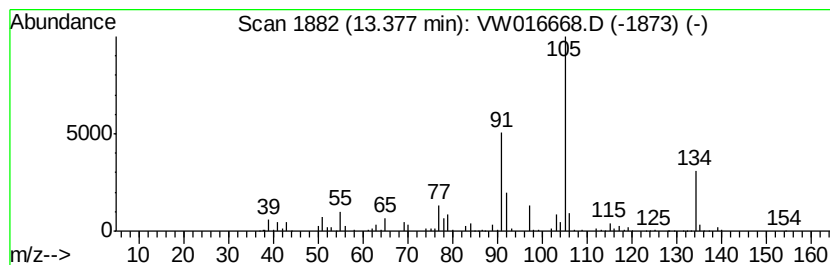
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Quant Title : VOC Analysis

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

Peak Number 37 Benzene, 1-methyl-3-propyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	3.35 ug/L	371380	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
4			2-Tolyloxirane	134	C9H10O	002783-26-8	83
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

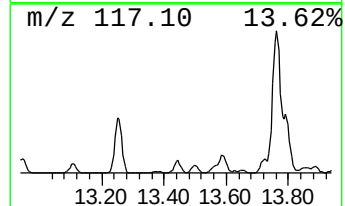
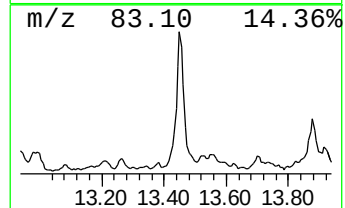
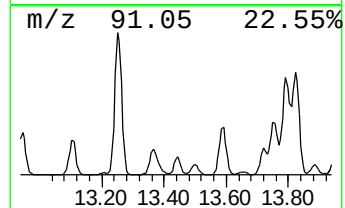
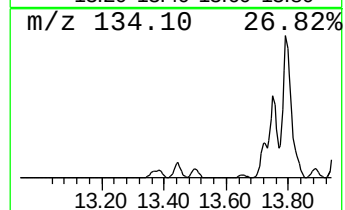
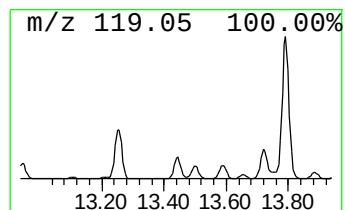
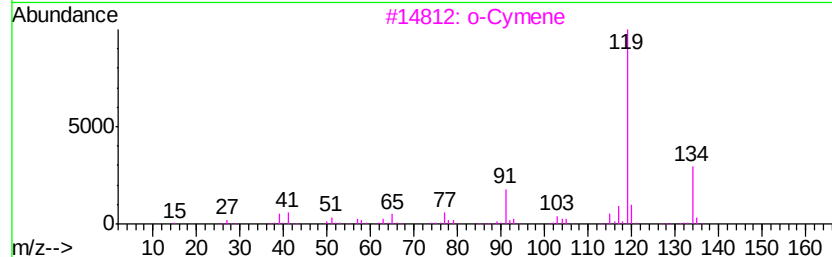
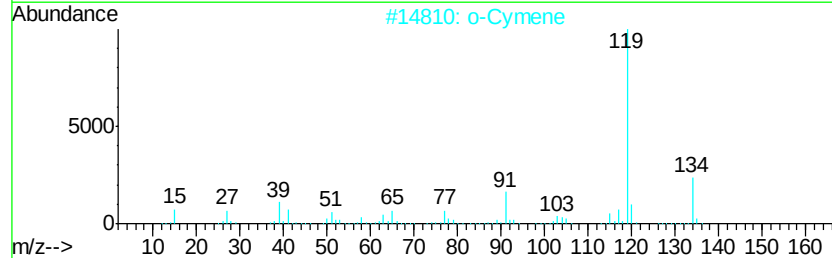
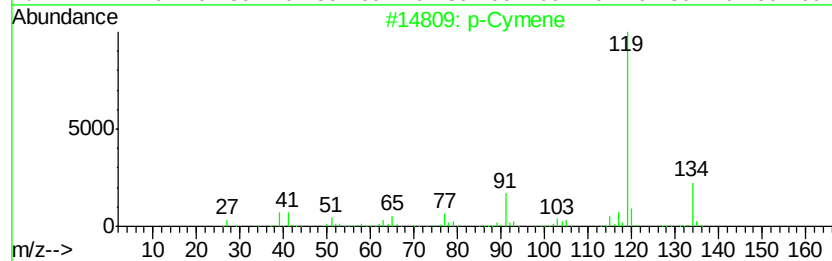
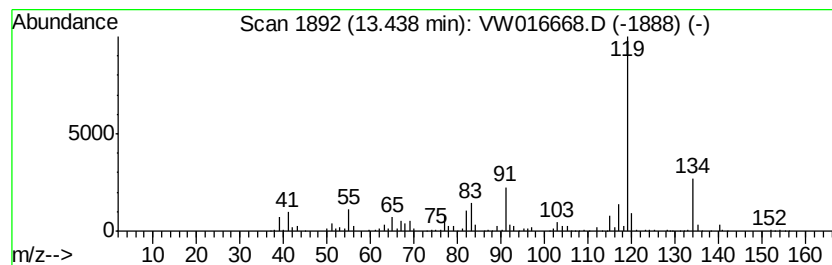
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Quant Title : VOC Analysis

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

Peak Number 38 p-Cymene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	5.24 ug/L	580518	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

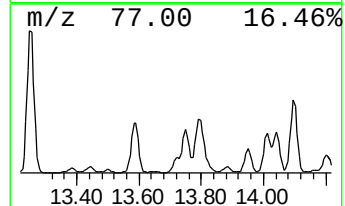
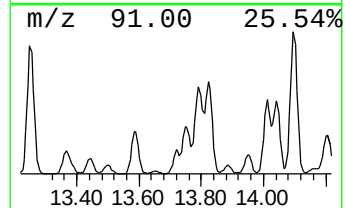
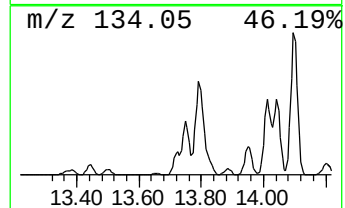
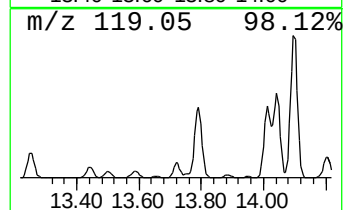
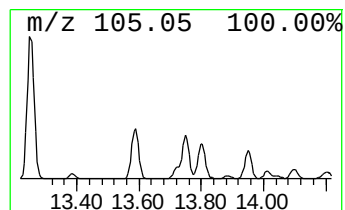
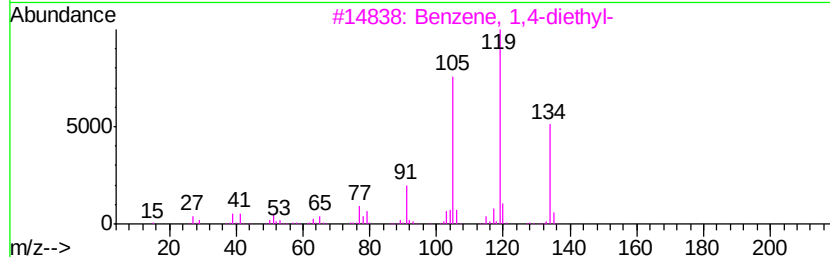
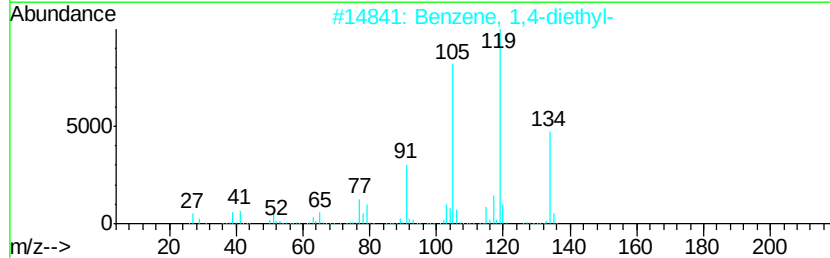
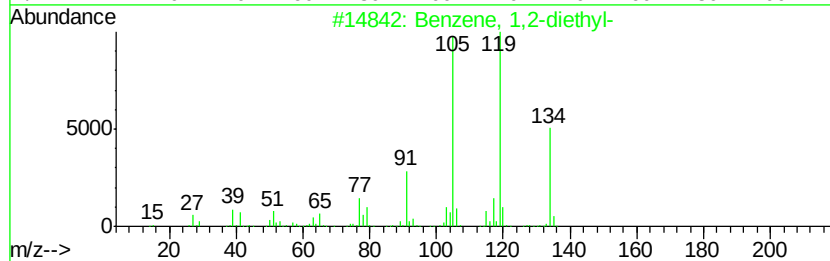
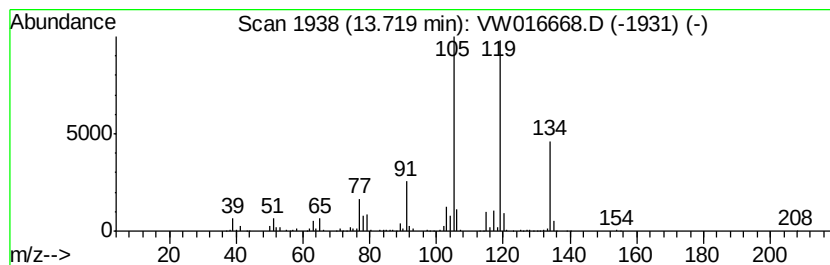
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Quant Title : VOC Analysis

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

Peak Number 39 Benzene, 1,2-diethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	7.18 ug/L	794544	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

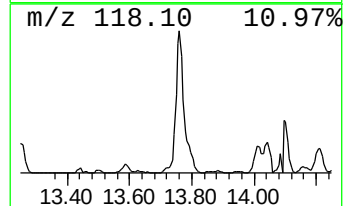
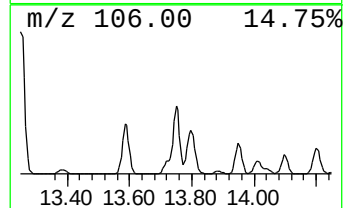
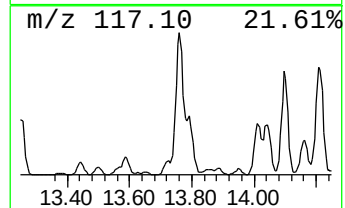
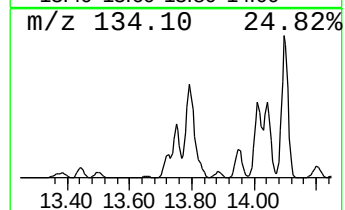
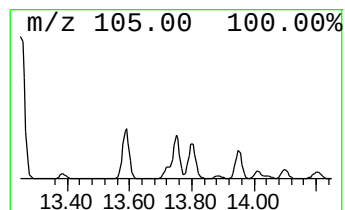
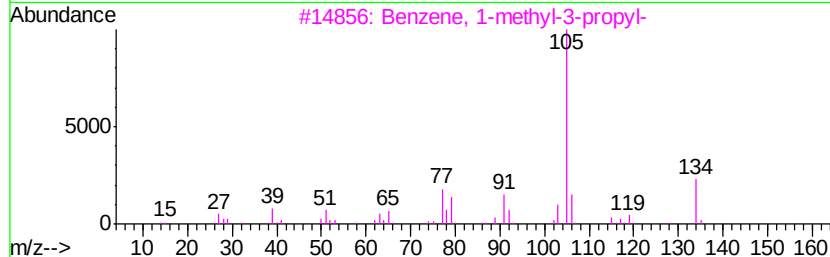
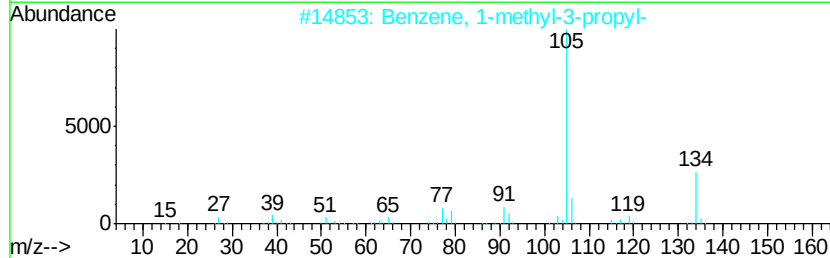
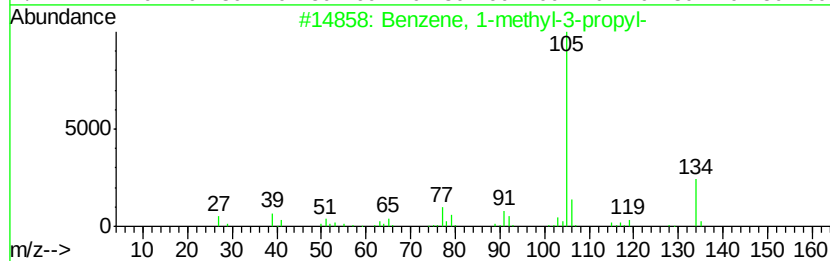
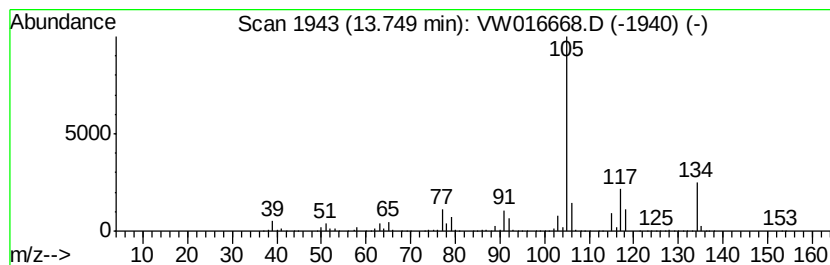
Instrument :
MSVOA_W
ClientSampled :
BG3Y7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 40 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	20.29 ug/L	2246640	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7	76
2	Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7	68
3	Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7	68
4	Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1	58
5	Benzene, (1-methylpropyl)-	134 C10H14	000135-98-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

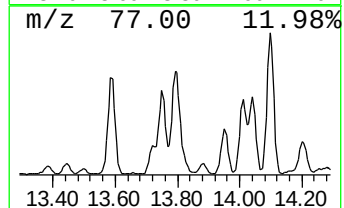
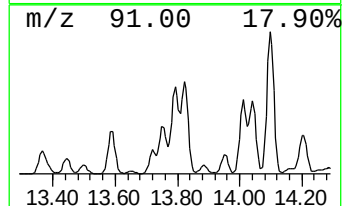
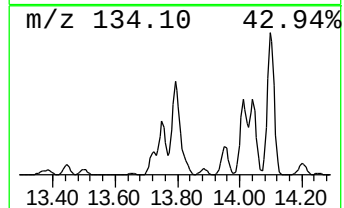
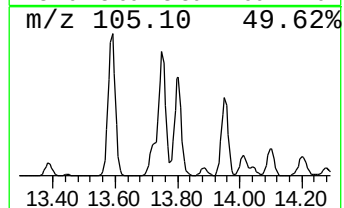
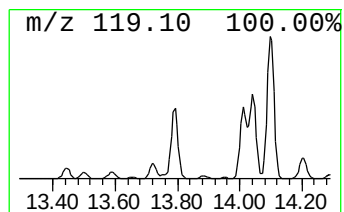
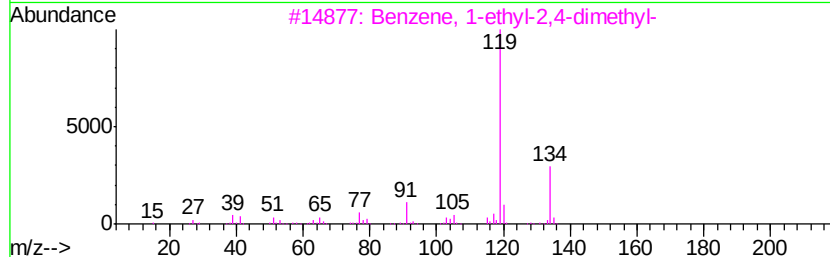
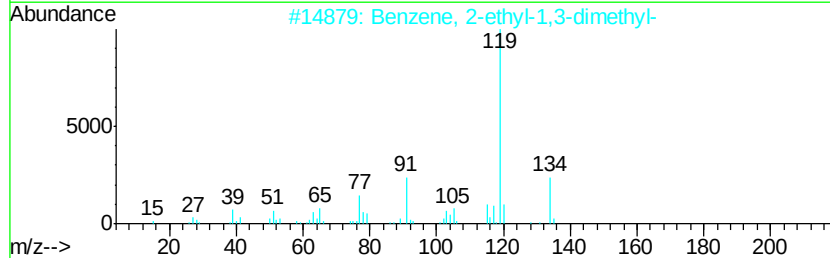
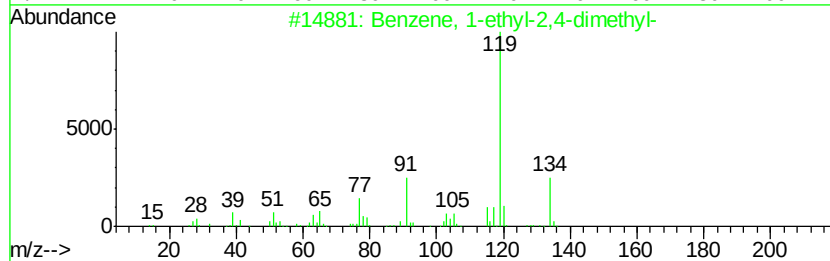
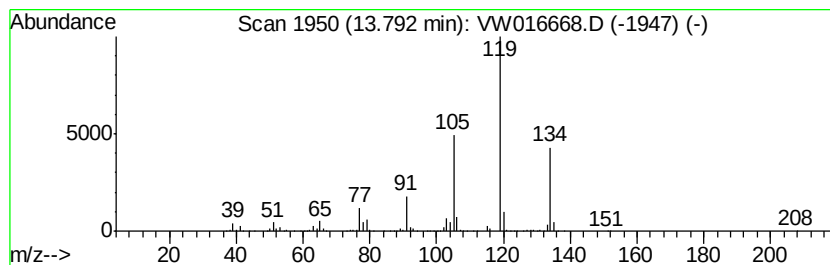
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Quant Title : VOC Analysis

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

Peak Number 41 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	30.80 ug/L	3410780	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		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

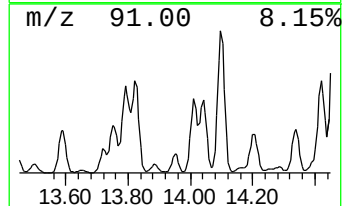
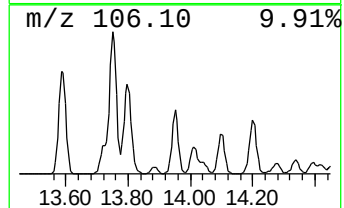
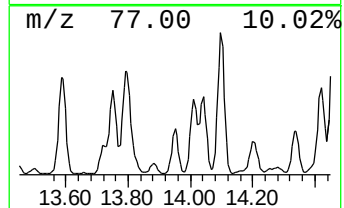
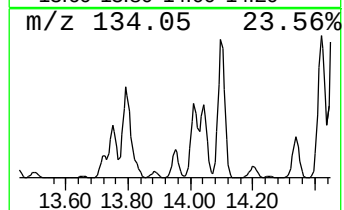
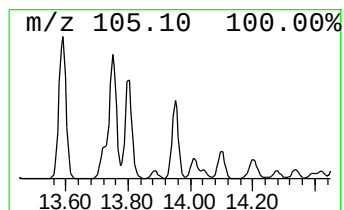
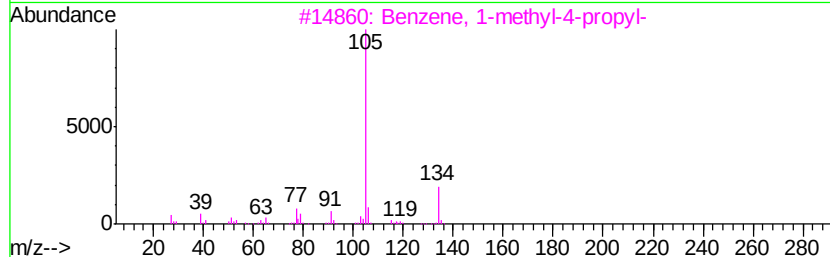
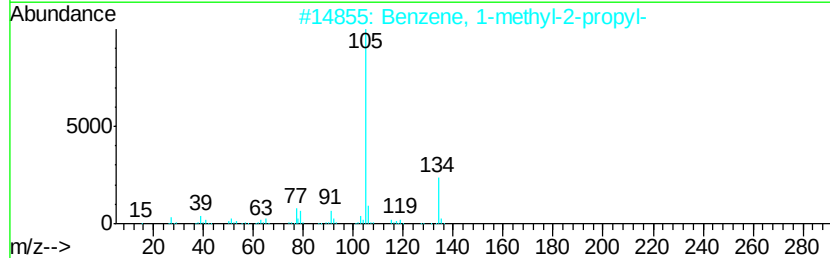
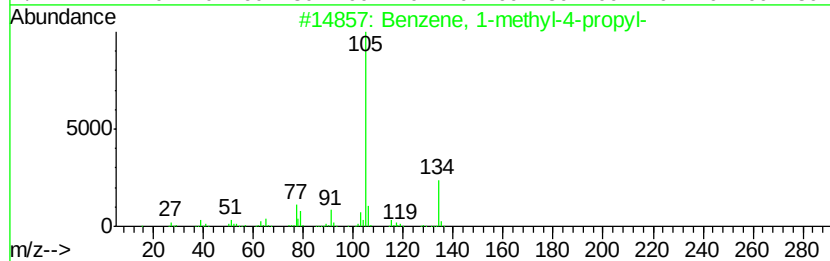
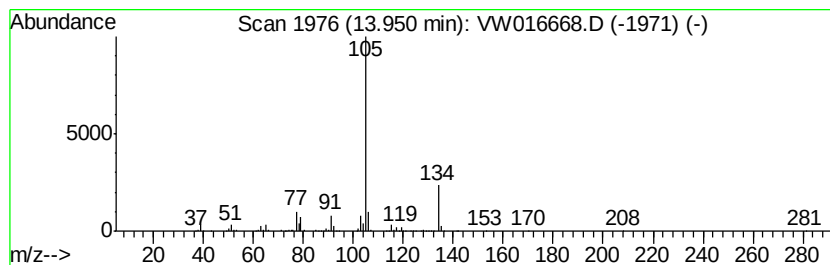
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Quant Title : VOC Analysis

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

Peak Number 42 Benzene, 1-methyl-2-propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	7.42 ug/L	821055	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	94
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

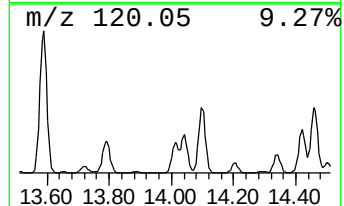
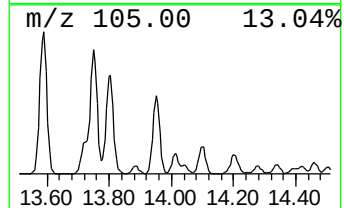
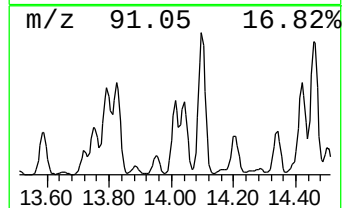
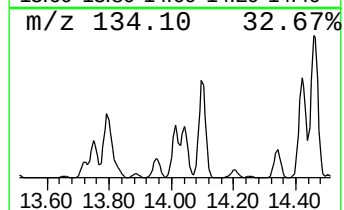
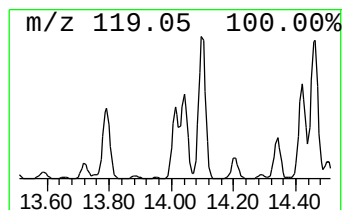
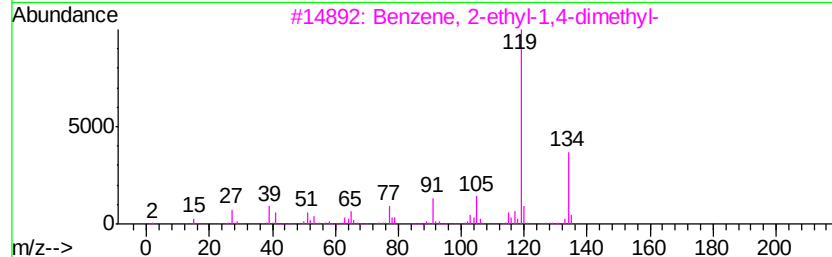
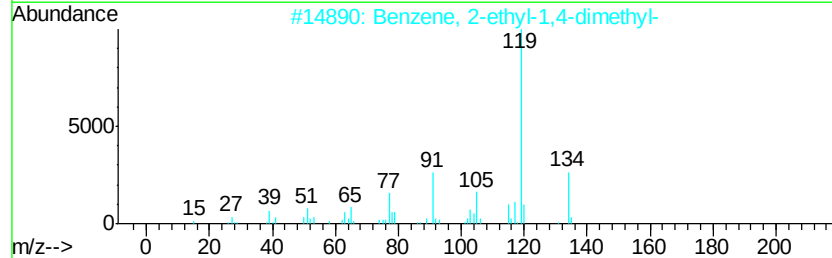
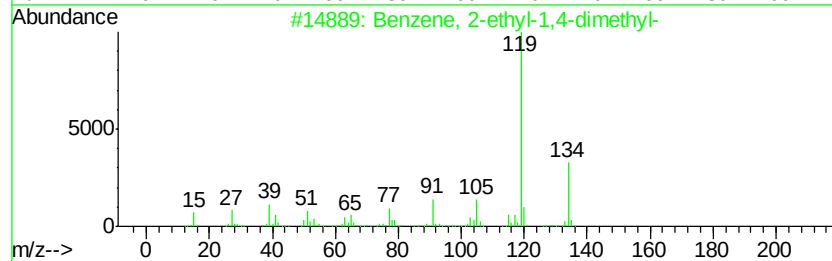
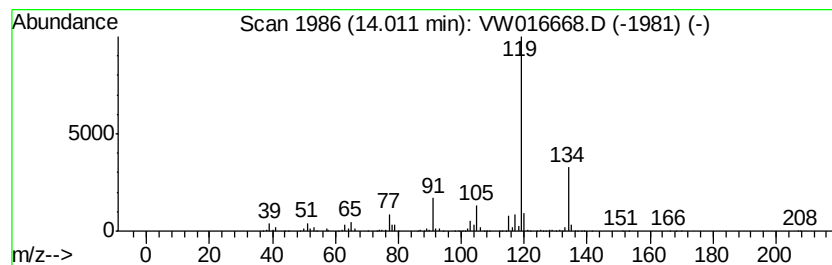
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Quant Title : VOC Analysis

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

Peak Number 43 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	19.04 ug/L	2108020	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		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

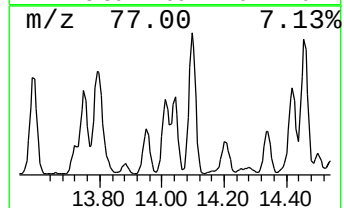
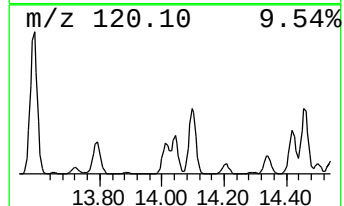
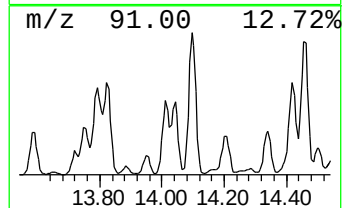
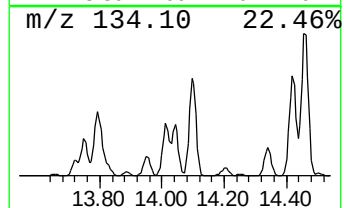
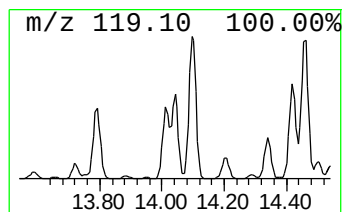
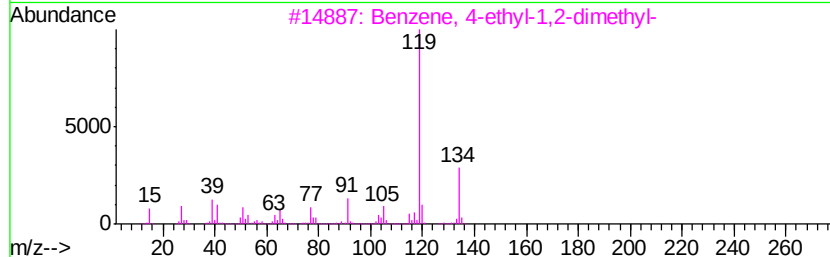
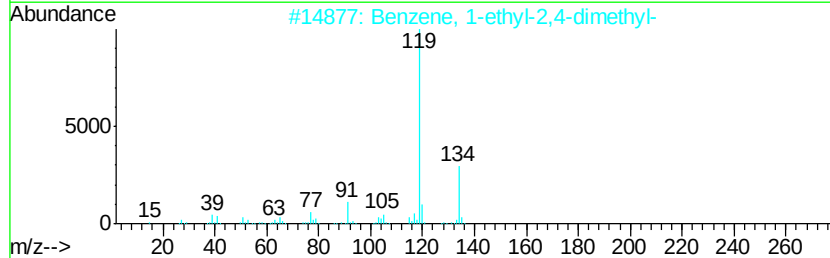
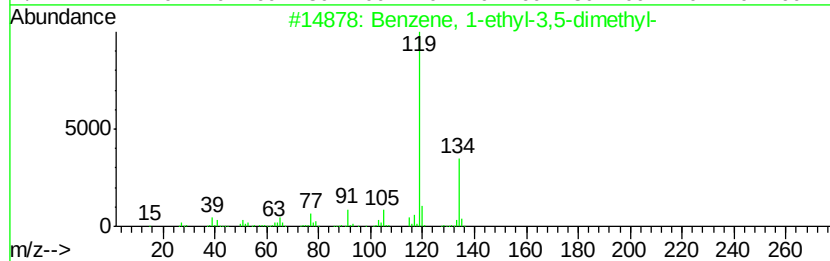
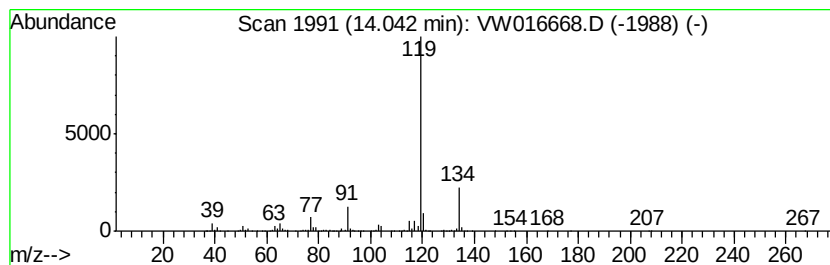
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 44 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	20.63 ug/L	2284310	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

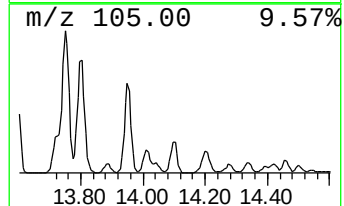
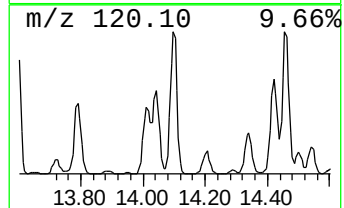
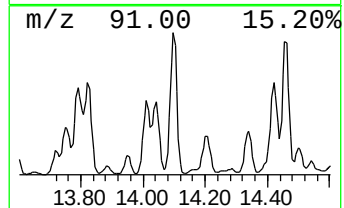
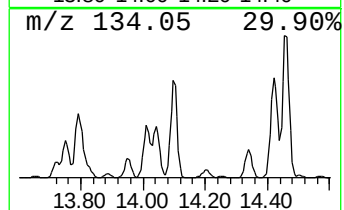
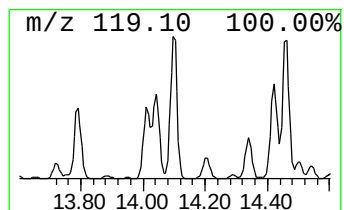
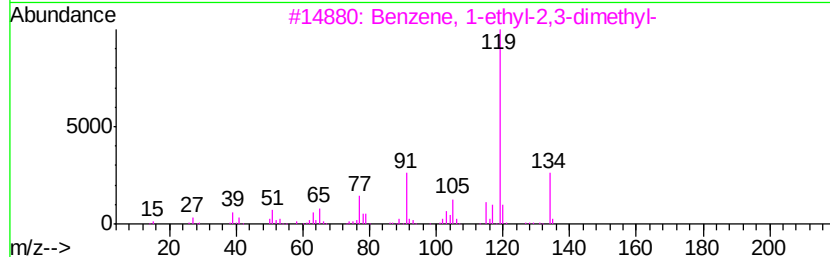
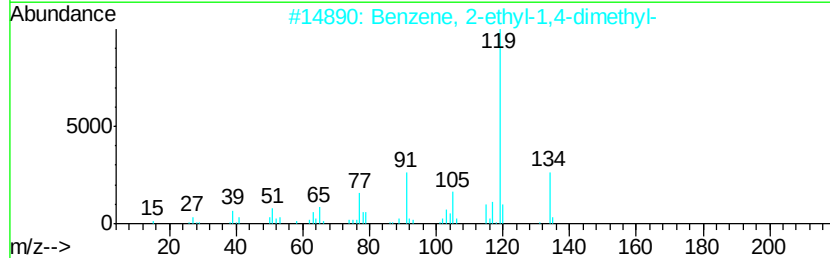
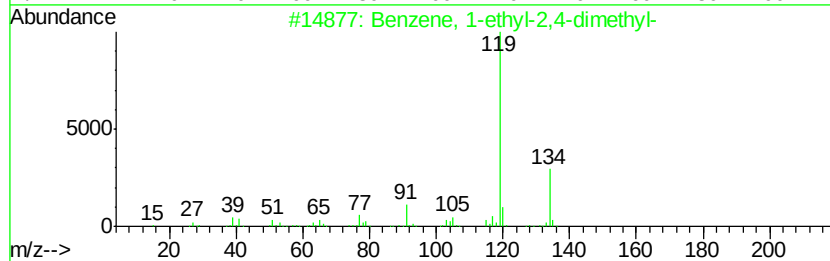
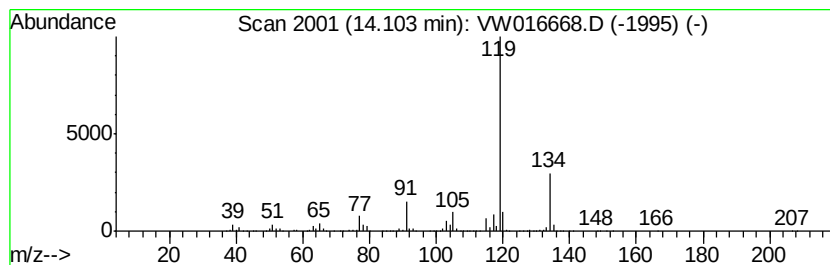
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Quant Title : VOC Analysis

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

Peak Number 45 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	39.10 ug/L	4330020	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	97
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

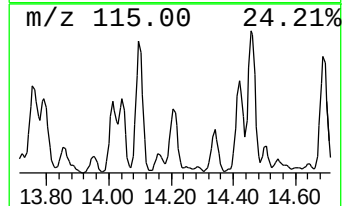
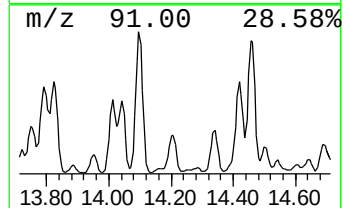
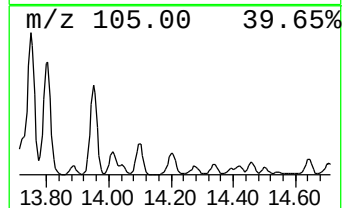
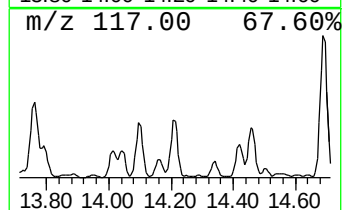
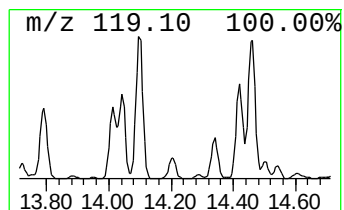
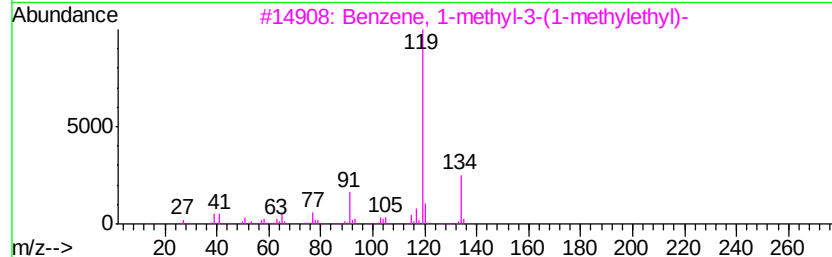
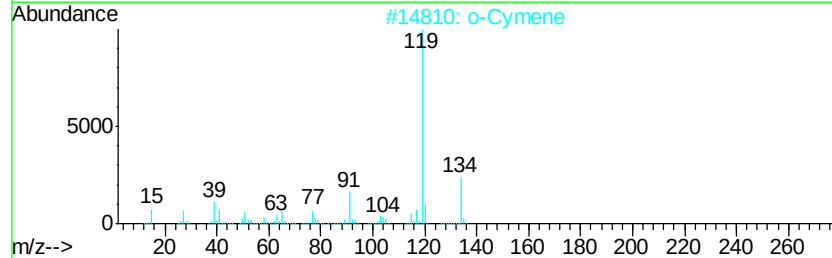
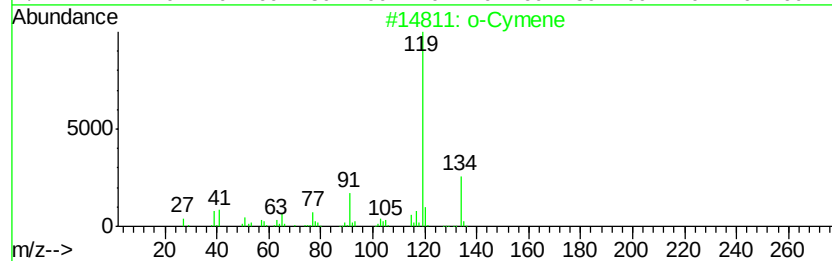
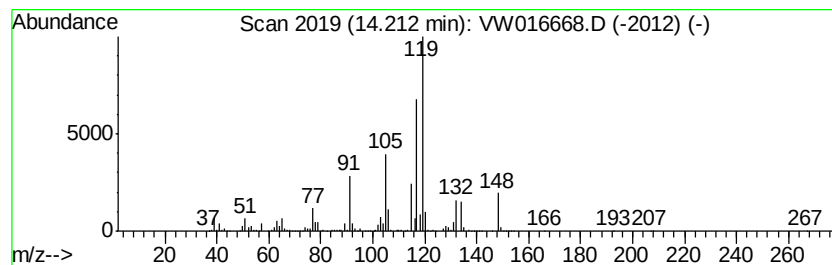
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Quant Title : VOC Analysis

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

Peak Number 46 o-Cymene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	11.13 ug/L	1231960	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	60
2		o-Cymene	134	C10H14	000527-84-4	60
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	60
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53
5		o-Cymene	134	C10H14	000527-84-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

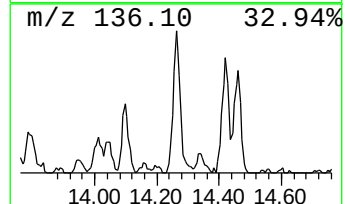
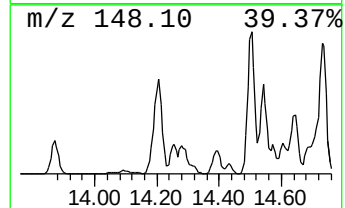
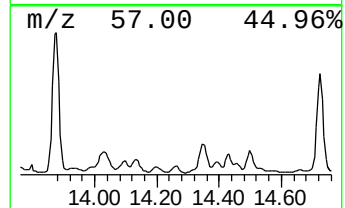
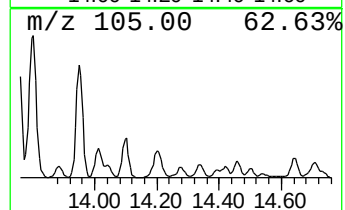
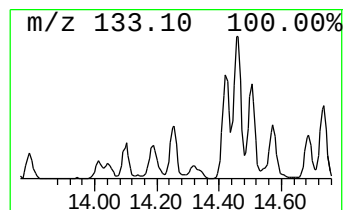
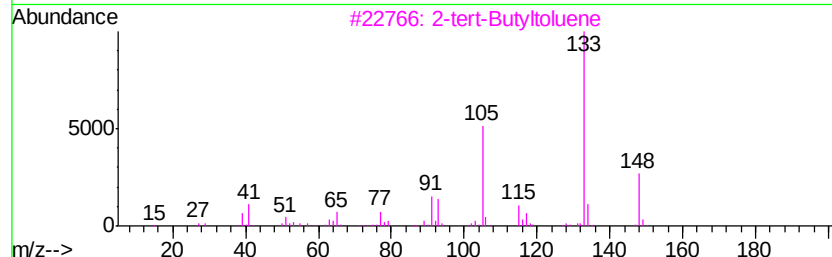
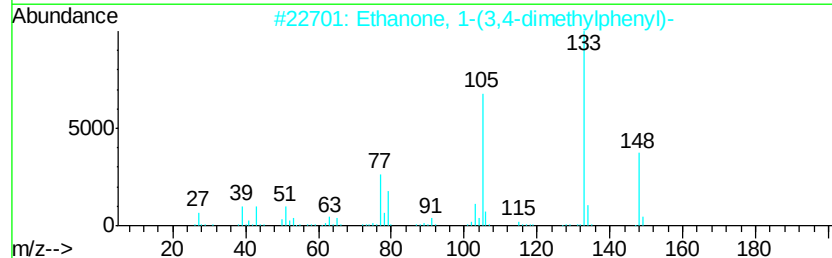
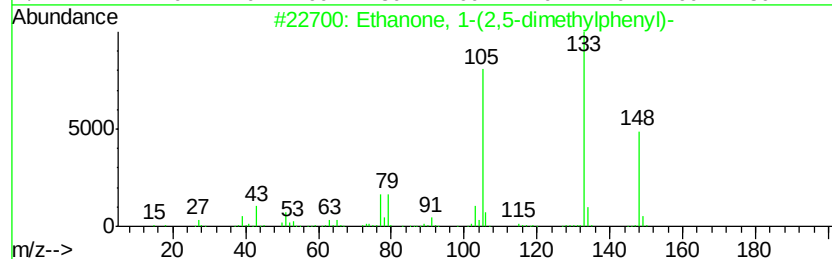
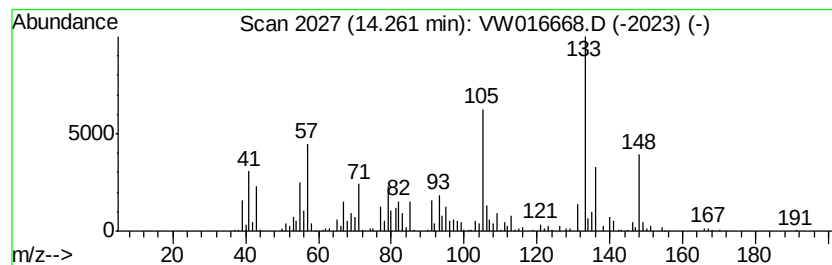
Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 47 unknown-01 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.26	1.26 ug/L	139586	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	49
2		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	49
3		2-tert-Butyltoluene	148	C11H16	001074-92-6	49
4		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	49
5		5H-Cyclopentapyrazine, 6,7-dihyd...	148	C9H12N2	038917-61-2	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

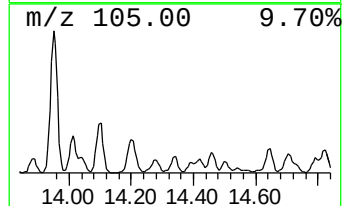
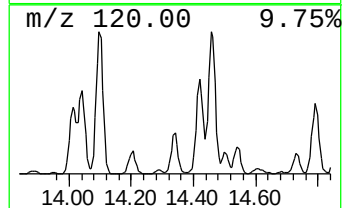
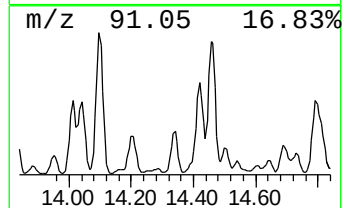
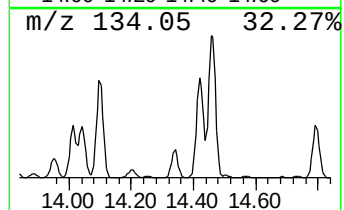
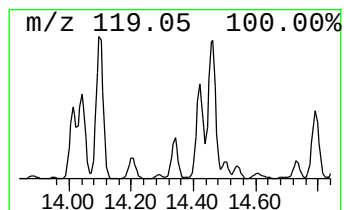
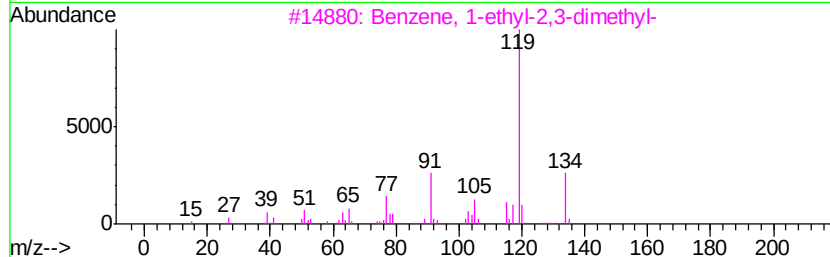
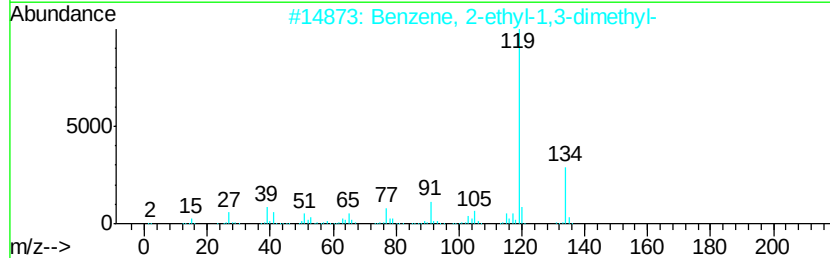
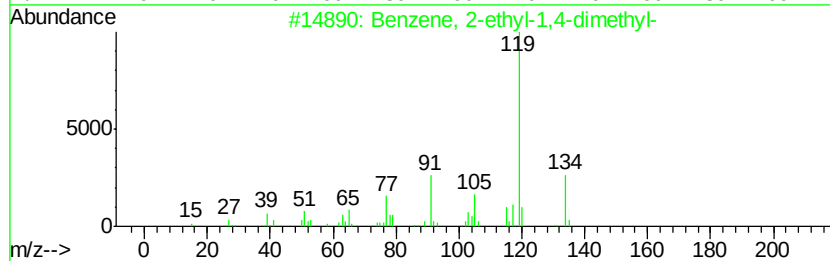
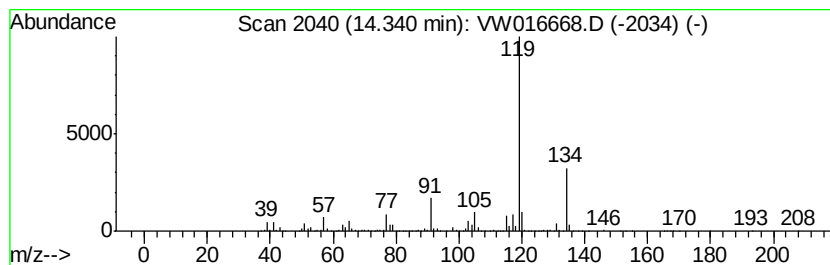
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Quant Title : VOC Analysis

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

Peak Number 48 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	13.08 ug/L	1448050	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	96
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

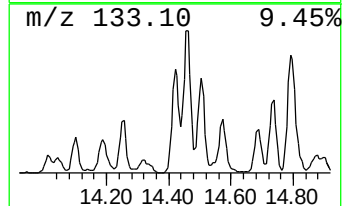
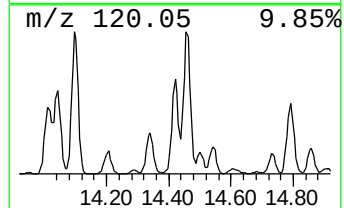
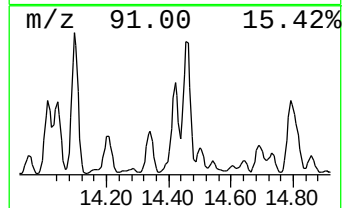
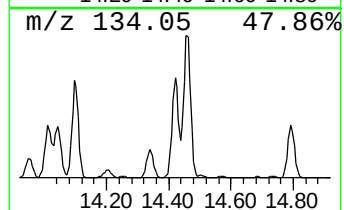
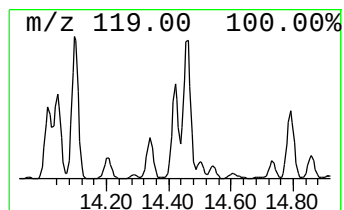
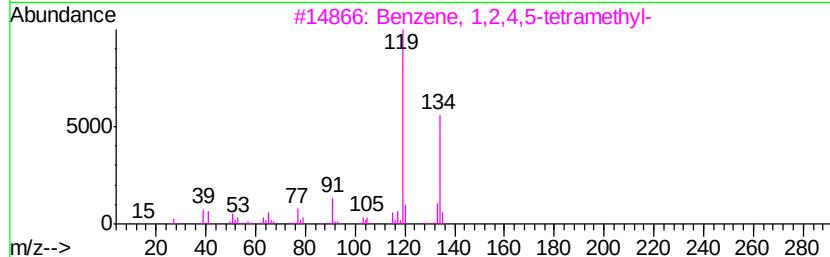
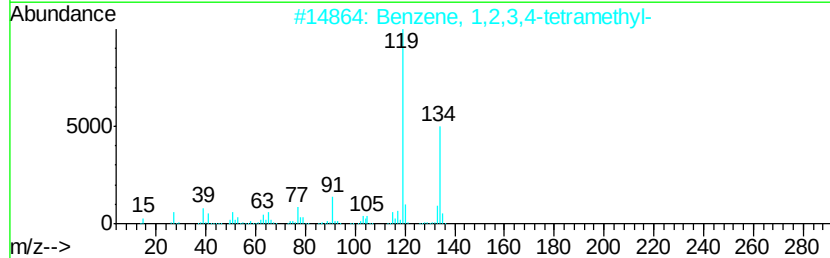
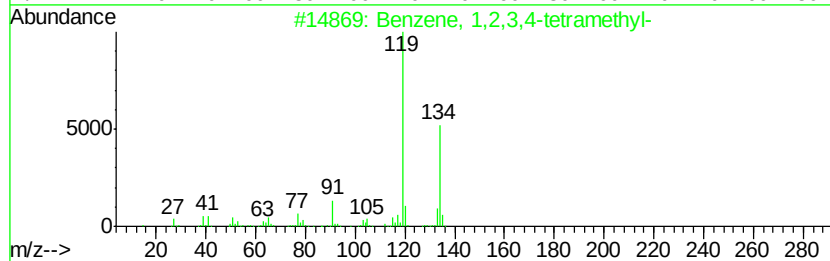
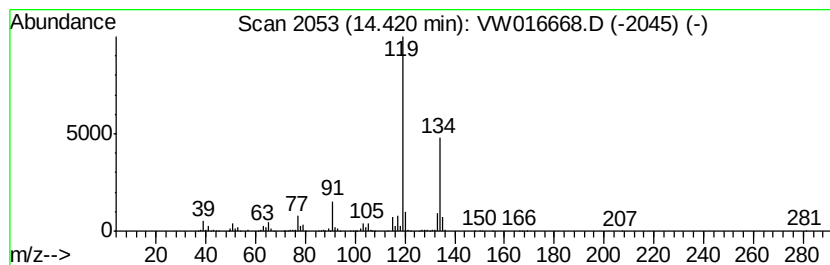
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Quant Title : VOC Analysis

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

Peak Number 49 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	33.65 ug/L	3726000	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

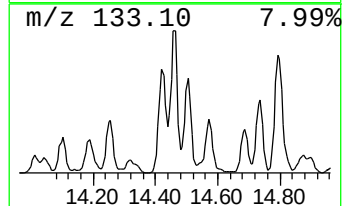
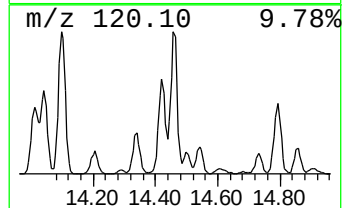
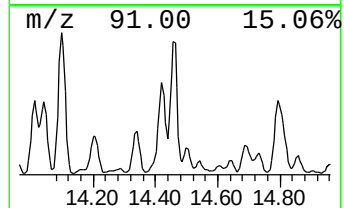
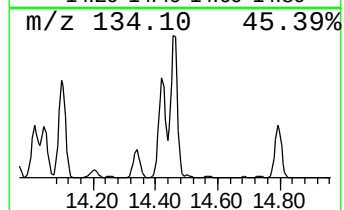
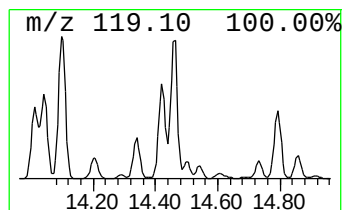
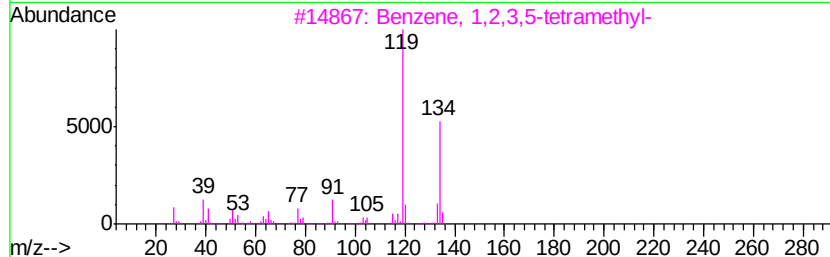
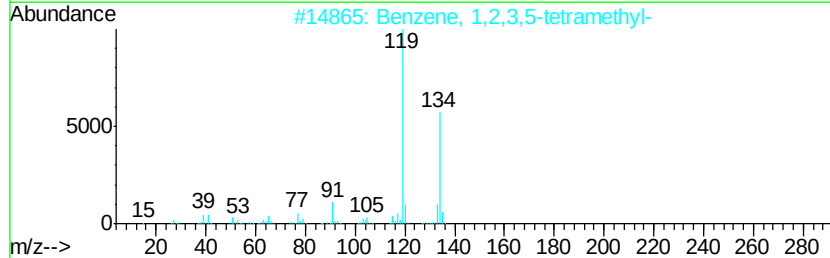
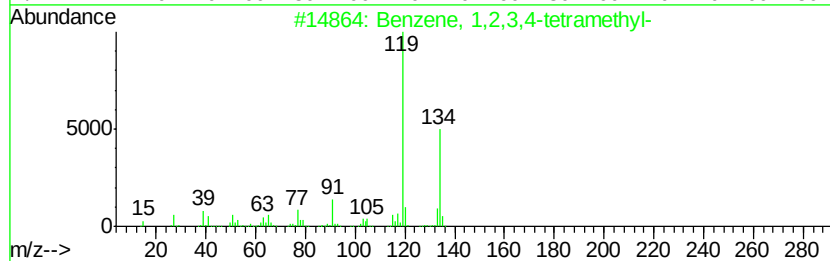
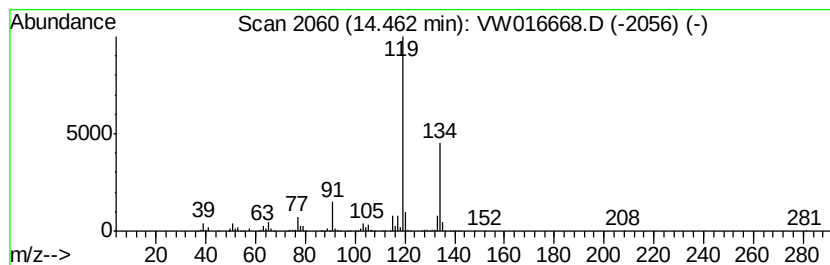
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Quant Title : VOC Analysis

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

Peak Number 50 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	41.08 ug/L	4548480	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

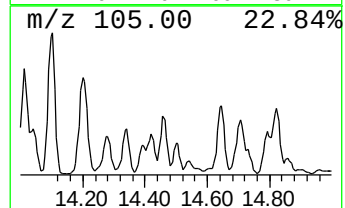
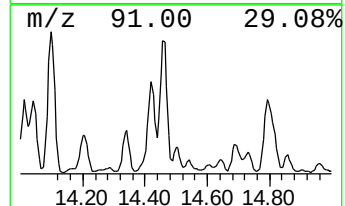
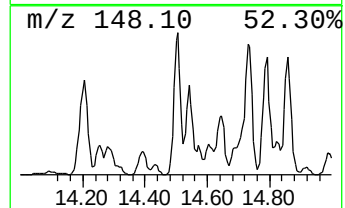
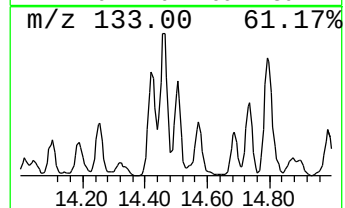
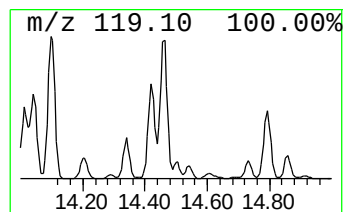
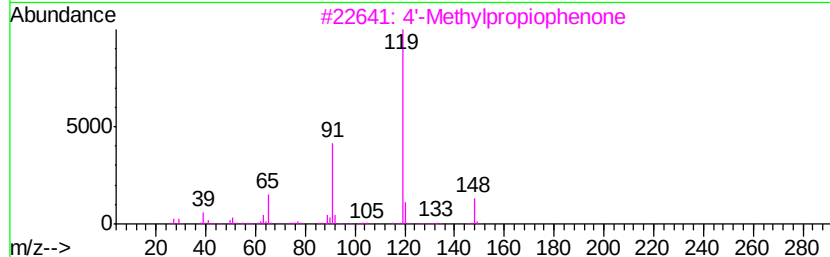
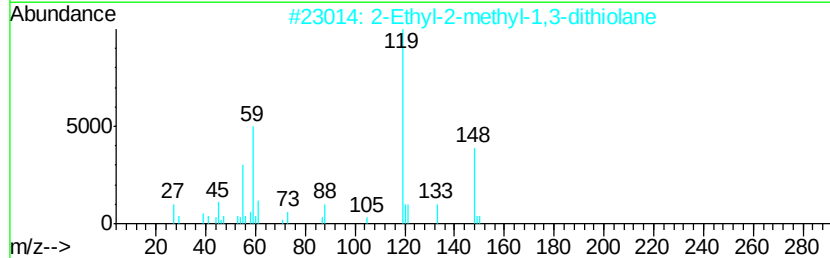
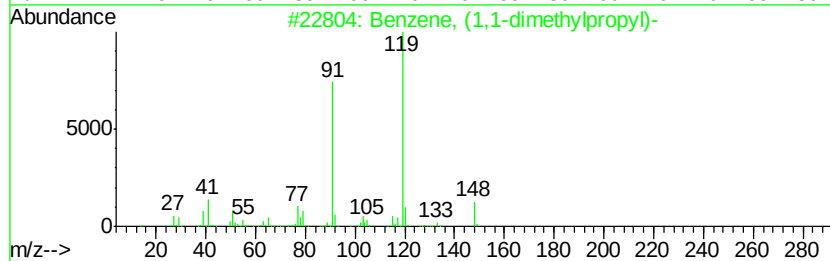
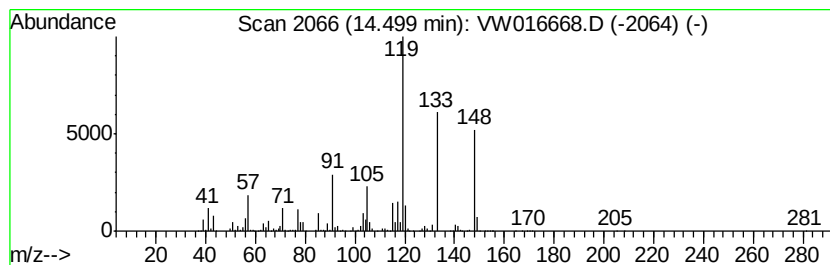
Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 51 Benzene, (1,1-dimethylpropyl)- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	6.41 ug/L	710269	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 50
2		2-Ethyl-2-methyl-1,3-dithiolane	148 C6H12S2	006008-81-7 49
3		4'-Methylpropiophenone	148 C10H12O	005337-93-9 47
4		Benzene, pentamethyl-	148 C11H16	000700-12-9 45
5		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

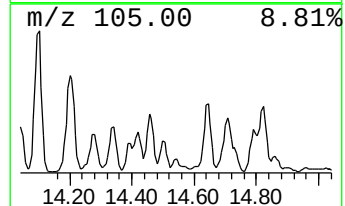
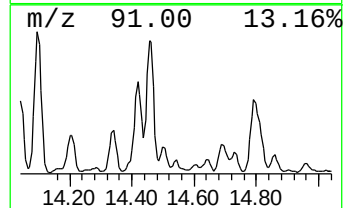
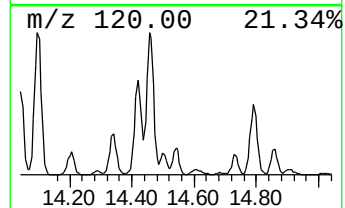
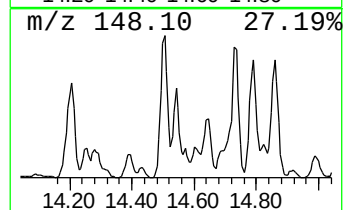
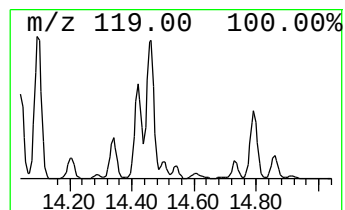
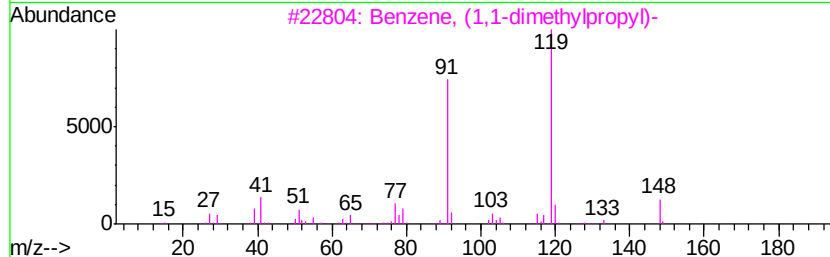
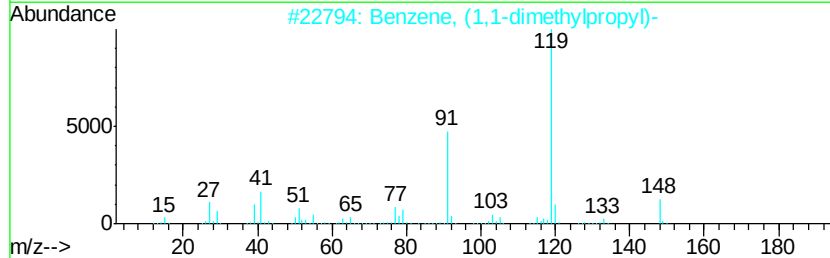
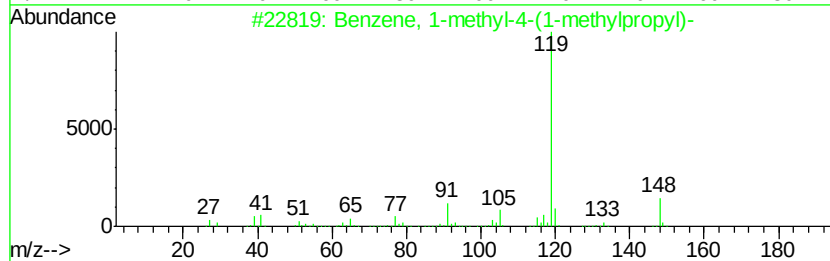
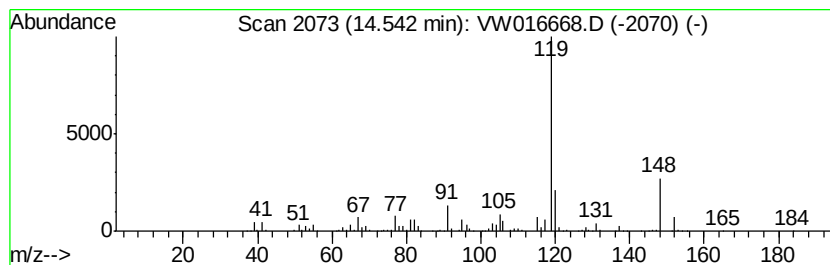
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Quant Title : VOC Analysis

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

Peak Number 52 Benzene, 1-methyl-4-(1-meth... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	4.57 ug/L	505719	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	53
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

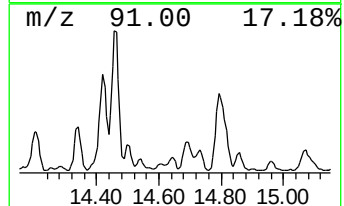
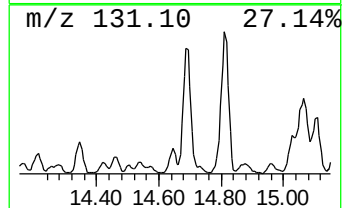
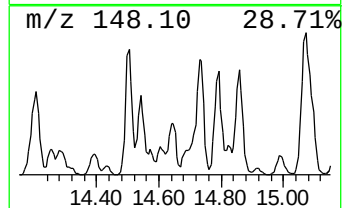
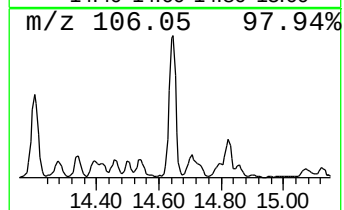
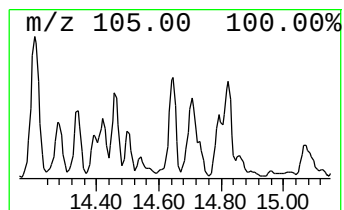
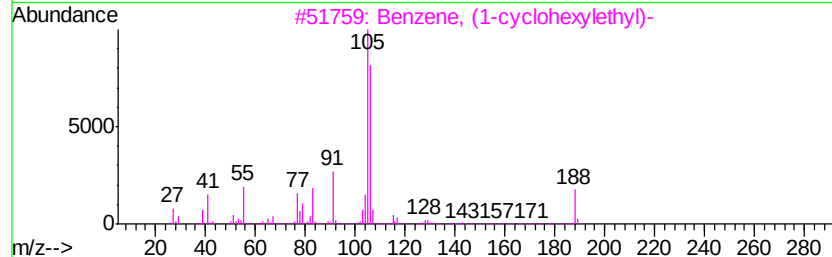
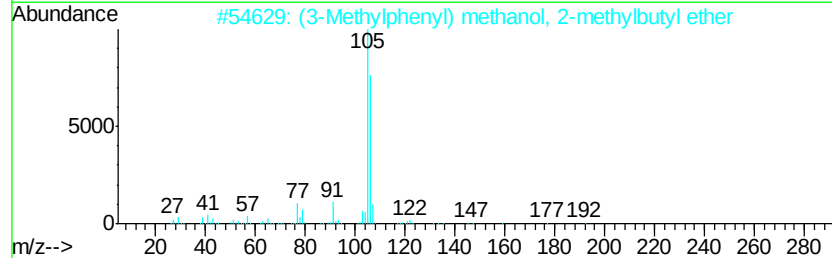
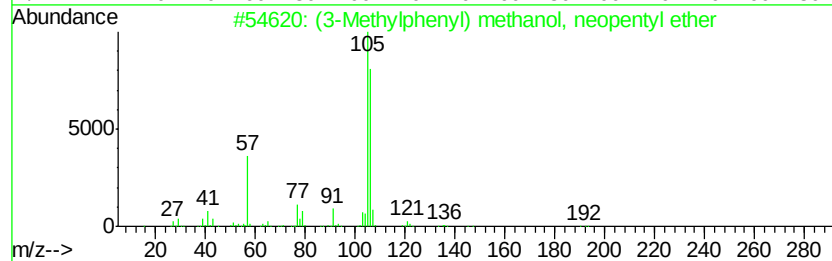
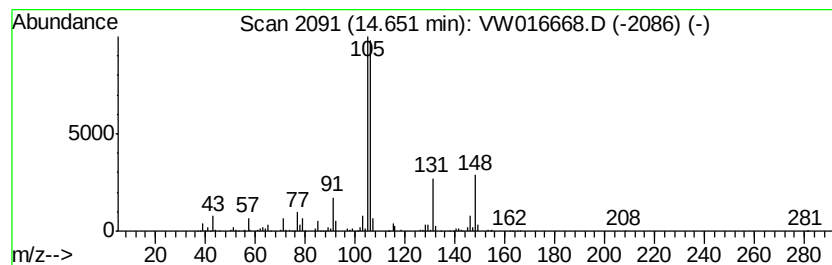
Instrument :
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ClientSampleId :
BG3Y7

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Quant Title : VOC Analysis

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

Peak Number 53 (3-Methylphenyl) methanol, ... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.65	2.22 ug/L	246236	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		(3-Methylphenyl) methanol, neope...	192	C13H20O	1000374-44-1	53
2		(3-Methylphenyl) methanol, 2-met...	192	C13H20O	1000374-43-9	53
3		Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	53
4		Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	53
5		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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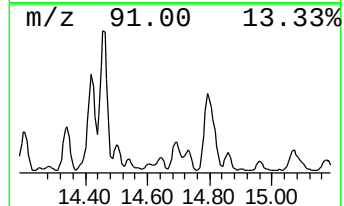
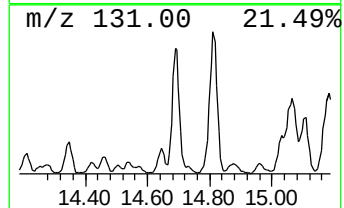
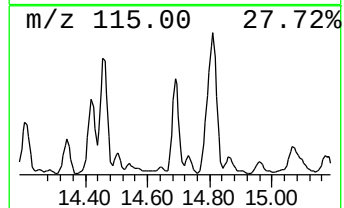
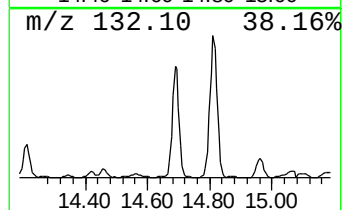
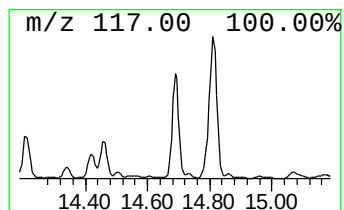
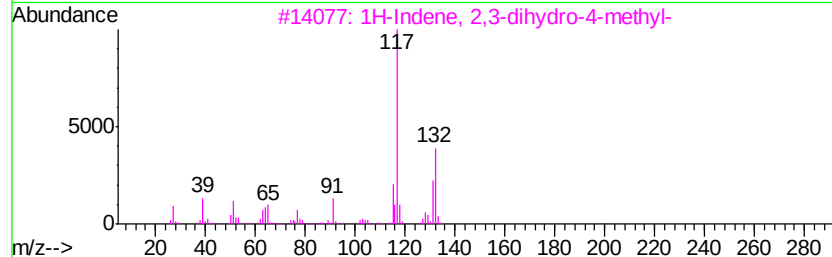
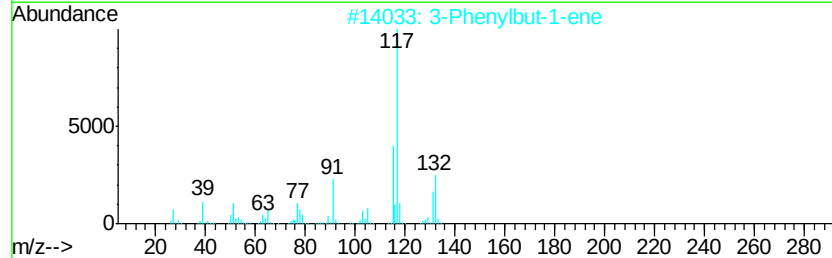
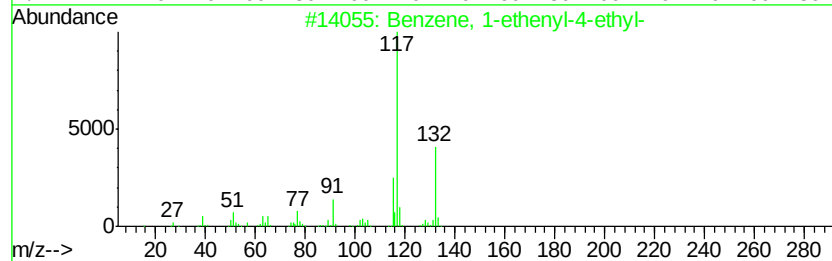
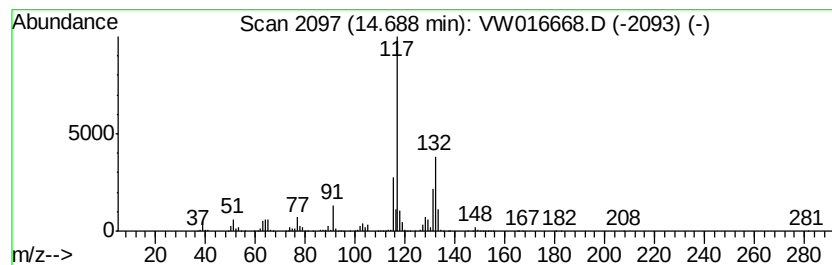
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Quant Title : VOC Analysis

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

Peak Number 54 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	11.67 ug/L	1292150	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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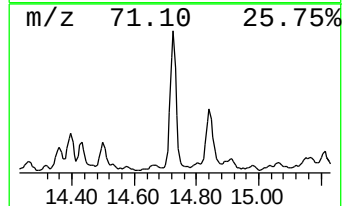
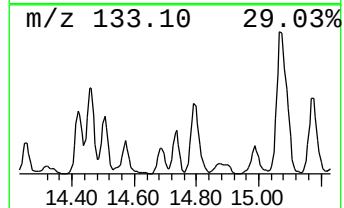
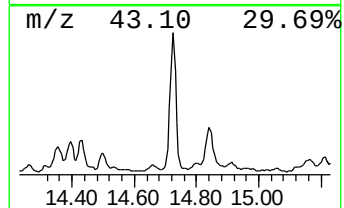
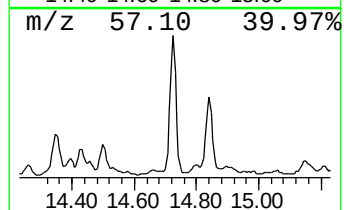
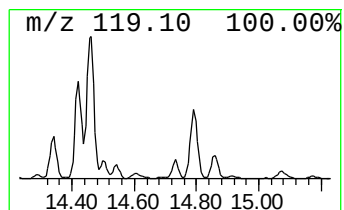
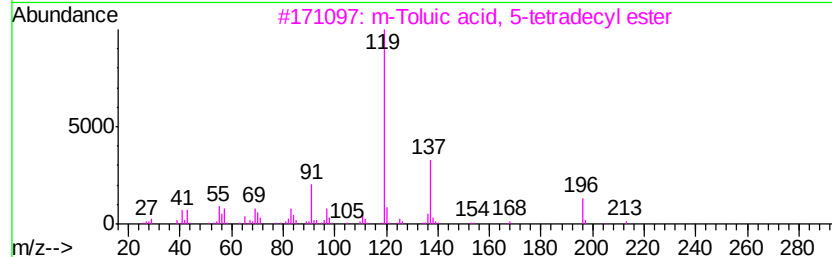
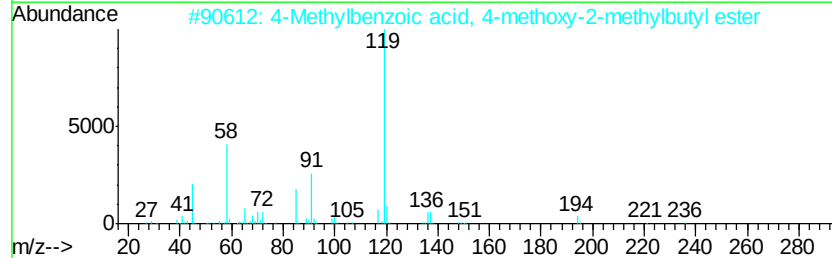
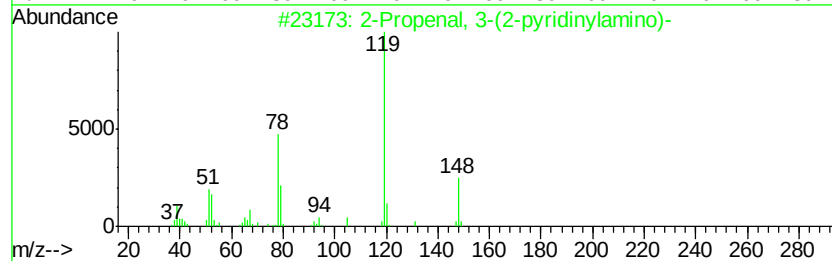
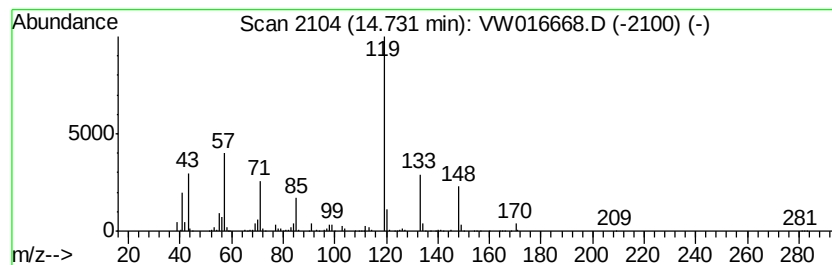
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Quant Title : VOC Analysis

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

Peak Number 55 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	11.06 ug/L	1224920	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	38
2		4-Methylbenzoic acid, 4-methoxy-...	236	C14H20O3	1000354-15-4	25
3		m-Toluic acid, 5-tetradecyl ester	332	C22H36O2	1000299-78-5	23
4		m-Toluic acid, 5-tridecyl ester	318	C21H34O2	1000299-78-1	23
5		Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	23



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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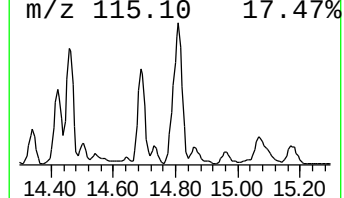
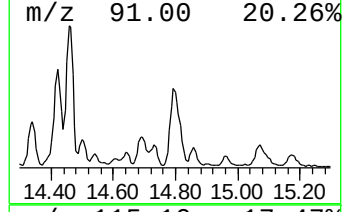
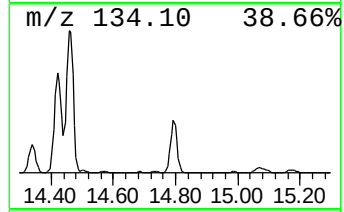
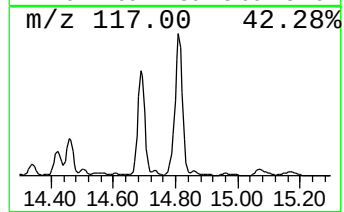
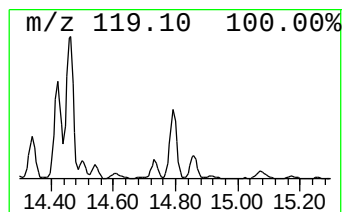
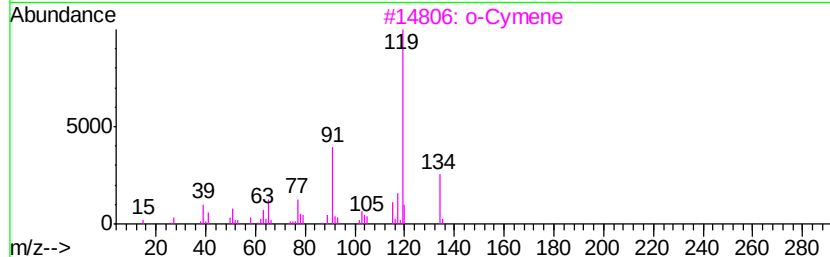
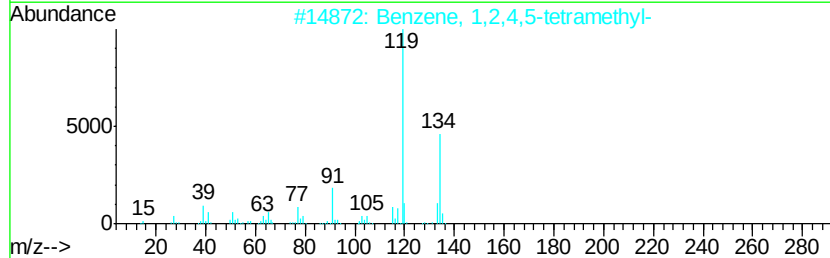
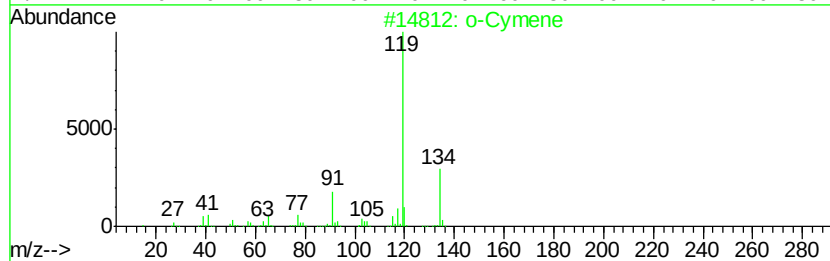
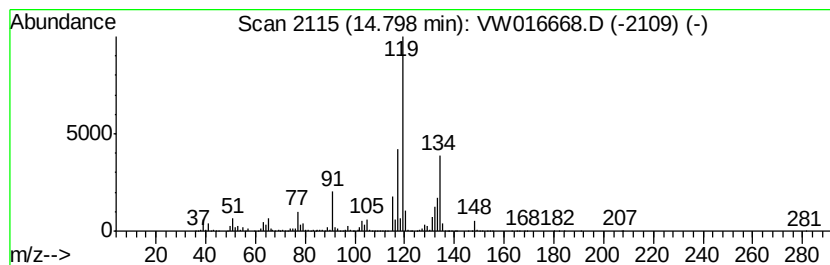
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Quant Title : VOC Analysis

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

Peak Number 56 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	37.60 ug/L	4163450	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	70
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
3		o-Cymene	134	C10H14	000527-84-4	70
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

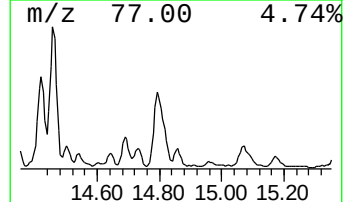
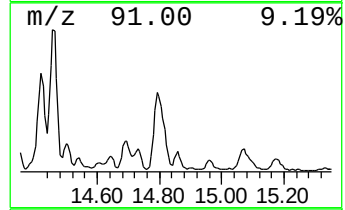
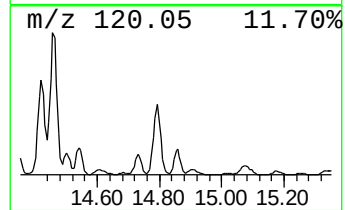
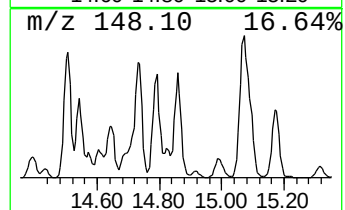
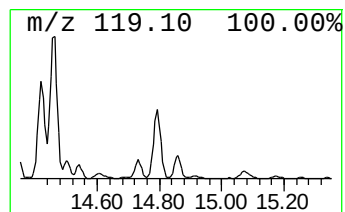
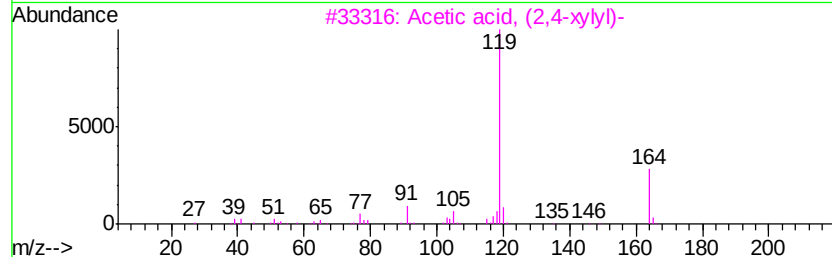
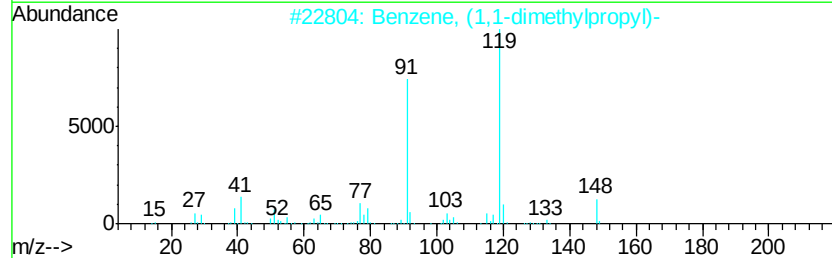
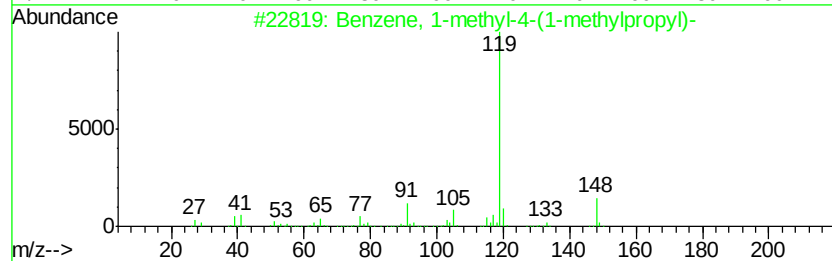
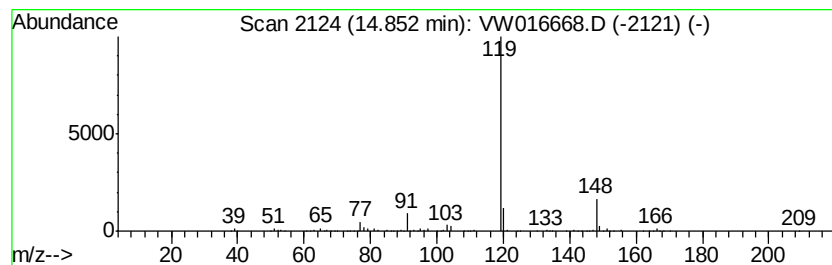
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 57 Acetic acid, (2,4-xylyl)- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	6.99 ug/L	774138	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-4-(1-methylpro...	148 C11H16	001595-16-0 86
2		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 78
3		Acetic acid, (2,4-xylyl)-	164 C10H12O2	006331-04-0 64
4		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 64
5		1,2-Benzenediol, o-(3-cyclopenty...	352 C22H24O4	1000325-95-6 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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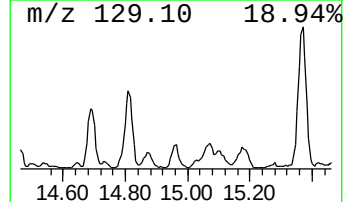
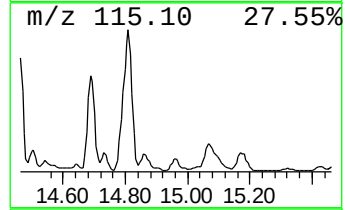
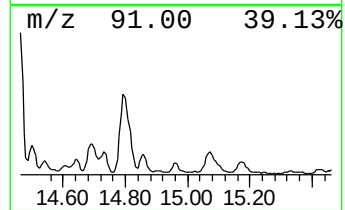
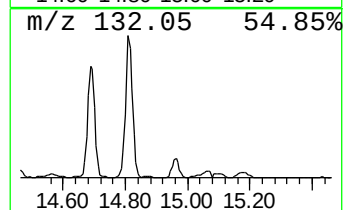
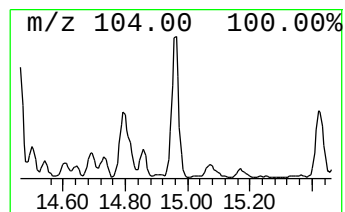
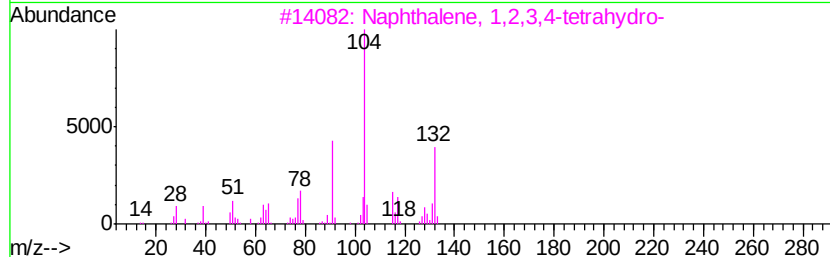
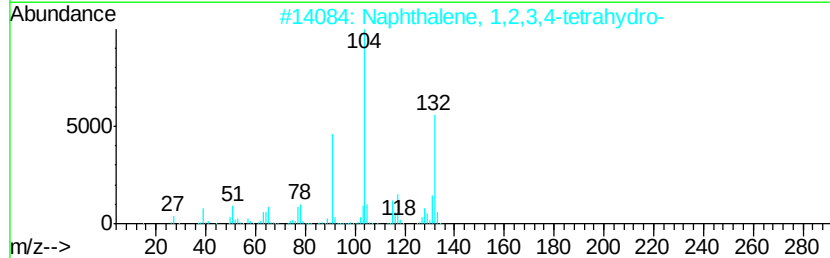
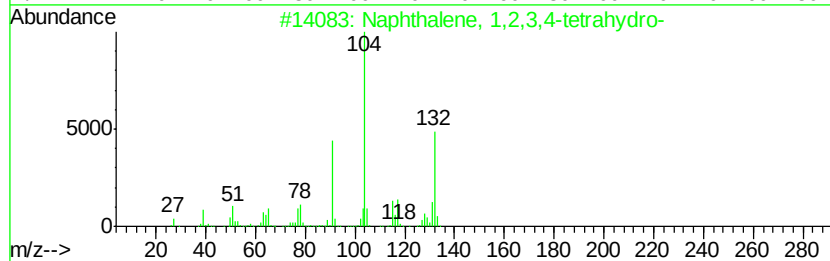
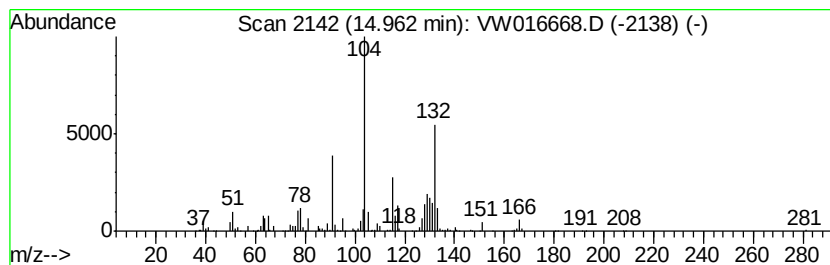
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Quant Title : VOC Analysis

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

Peak Number 58 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.20 ug/L	244148	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
3		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
5		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

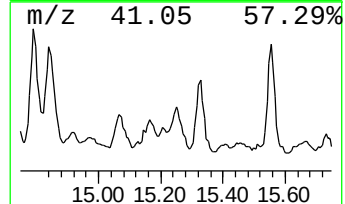
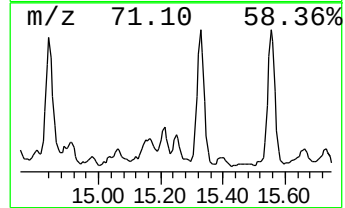
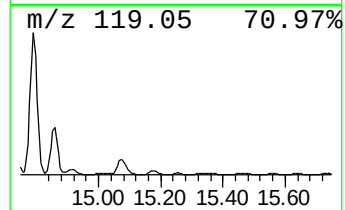
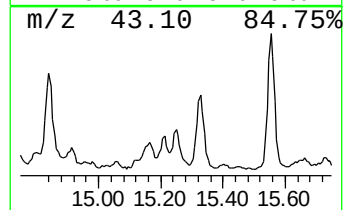
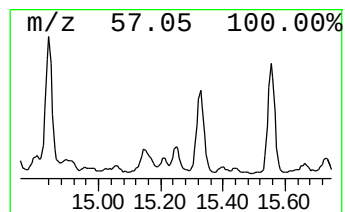
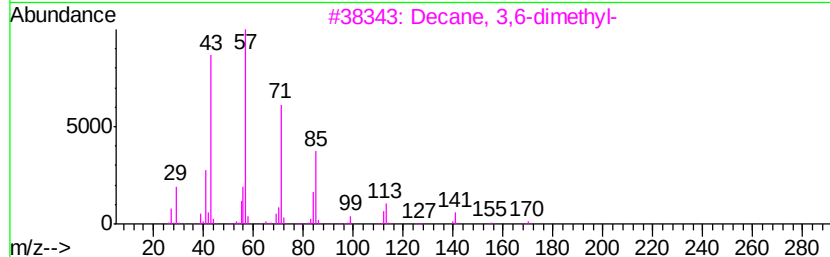
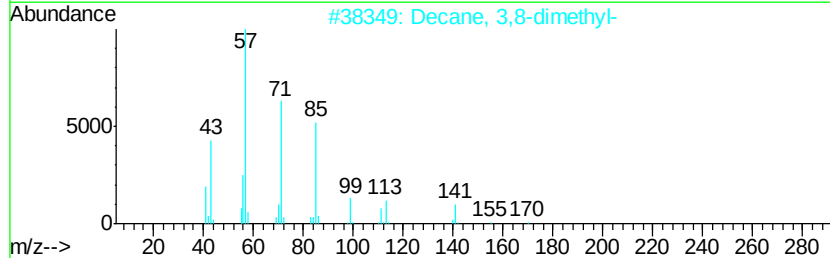
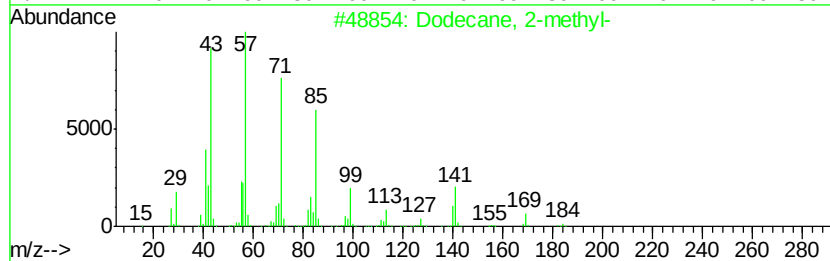
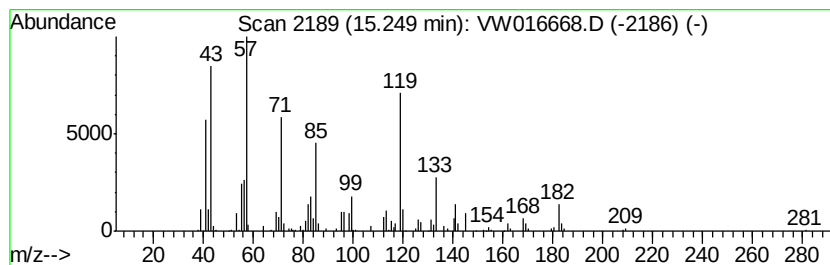
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Quant Title : VOC Analysis

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

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	2.00 ug/L	220936	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	55
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	55
3			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	50
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	43
5			Octadecane	254	C18H38	000593-45-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016668.D
Acq On : 28 Sep 2020 14:47
Operator : SY/VA
Sample : L4171-05
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y7

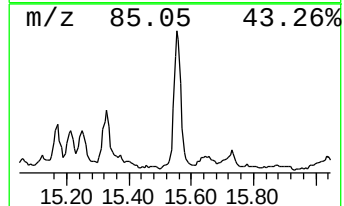
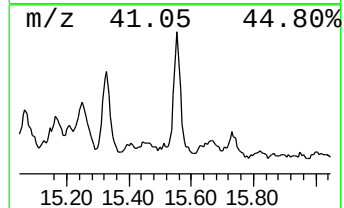
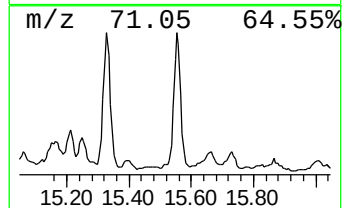
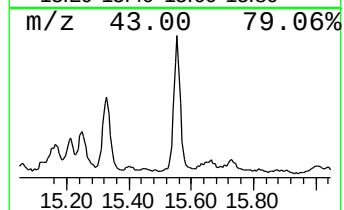
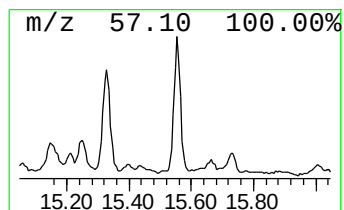
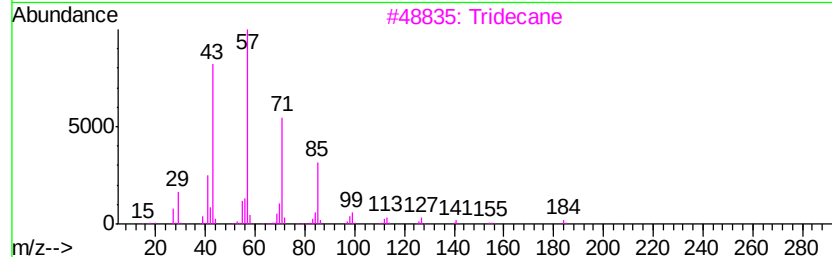
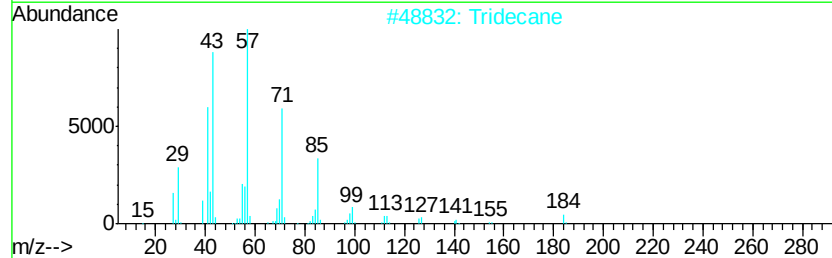
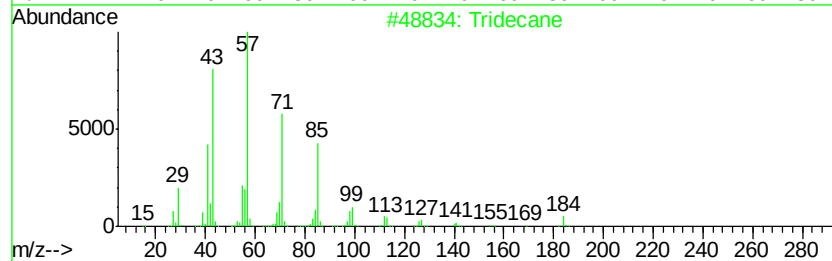
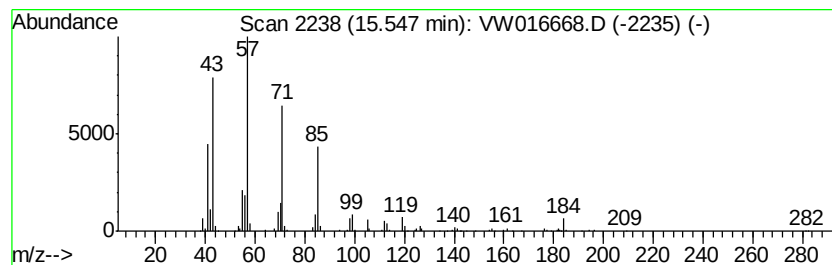
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	4.25 ug/L	470911	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	98
2			Tridecane	184	C13H28	000629-50-5	93
3			Tridecane	184	C13H28	000629-50-5	91
4			Tridecane	184	C13H28	000629-50-5	90
5			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092820\
 Data File : VW016668.D
 Acq On : 28 Sep 2020 14:47
 Operator : SY/VA
 Sample : L4171-05
 Misc : 6.23G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.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...	4.97	558.9	ug/L	8306050	1	8.85	371558	25.0	
(DEL) Alkane: Str...	5.45	1008.9	ug/L	14995200	1	8.85	371558	25.0	
(DEL) Alkane: Str...	5.95	3296.6	ug/L	48994500	1	8.85	371558	25.0	
(DEL) Alkane: Str...	6.11	6.4	ug/L	95227	1	8.85	371558	25.0	
(DEL) Alkane: Str...	6.23	11.1	ug/L	164722	1	8.85	371558	25.0	
(DEL) Alkane: Str...	6.30	13.4	ug/L	198474	1	8.85	371558	25.0	
(DEL) Alkane: Str...	6.44	9.1	ug/L	135734	1	8.85	371558	25.0	
(DEL) Alkane: Str...	6.57	5.8	ug/L	86757	1	8.85	371558	25.0	
(DEL) Alkane: Str...	6.73	253.5	ug/L	3767610	1	8.85	371558	25.0	
(DEL) Alkane: Str...	6.88	187.7	ug/L	2788930	1	8.85	371558	25.0	
(DEL) Alkane: Cyc...	6.99	821.7	ug/L	12212100	1	8.85	371558	25.0	
(DEL) Alkane: Str...	8.04	12.1	ug/L	179051	1	8.85	371558	25.0	
(DEL) Alkane: Str...	8.16	28.2	ug/L	418725	1	8.85	371558	25.0	
1-Butanol, 3-meth...	8.43	5.1	ug/L	76353	1	8.85	371558	25.0	
(DEL) Alkane: Str...	8.70	38.4	ug/L	571019	1	8.85	371558	25.0	
(DEL) Alkane: Str...	9.96	6.0	ug/L	89832	1	8.85	371558	25.0	
(DEL) Alkane: Str...	10.10	33.5	ug/L	497445	1	8.85	371558	25.0	
(DEL) Alkane: Str...	10.51	11.1	ug/L	178956	2	11.63	403633	25.0	
(DEL) Alkane: Cyc...	10.67	5.5	ug/L	89496	2	11.63	403633	25.0	
(DEL) Alkane: Cyc...	10.76	6.2	ug/L	100652	2	11.63	403633	25.0	
(DEL) Alkane: Cyc...	11.18	8.6	ug/L	138538	2	11.63	403633	25.0	
(DEL) Alkane: Cyc...	11.23	3.8	ug/L	61341	2	11.63	403633	25.0	
(DEL) Alkane: Str...	11.41	9.2	ug/L	148392	2	11.63	403633	25.0	
(DEL) Alkane: Str...	11.51	4.0	ug/L	63967	2	11.63	403633	25.0	
(DEL) Alkane: Str...	12.26	6.4	ug/L	103423	2	11.63	403633	25.0	
Pentalene, octahy...	12.34	7.1	ug/L	114864	2	11.63	403633	25.0	
(DEL) Alkane: Str...	12.54	4.9	ug/L	79569	2	11.63	403633	25.0	
(DEL) Alkane: Str...	12.57	4.0	ug/L	64972	2	11.63	403633	25.0	
Benzene, propyl-	12.80	10.2	ug/L	1133890	3	13.56	2768220	25.0	
Benzene, 1-ethyl-...	12.87	32.6	ug/L	3615620	3	13.56	2768220	25.0	
Mesitylene	12.90	12.6	ug/L	1391250	3	13.56	2768220	25.0	
Benzene, 1,2,3-tr...	12.94	23.4	ug/L	2593140	3	13.56	2768220	25.0	
Benzene, 1-ethyl-...	13.10	12.9	ug/L	1433420	3	13.56	2768220	25.0	
(DEL) Alkane: Str...	13.16	2.2	ug/L	247428	3	13.56	2768220	25.0	
Benzene, 1,2,4-tr...	13.25	59.0	ug/L	6528870	3	13.56	2768220	25.0	
Benzene, 1-methyl...	13.38	3.4	ug/L	371380	3	13.56	2768220	25.0	
p-Cymene	13.44	5.2	ug/L	580518	3	13.56	2768220	25.0	
Benzene, 1,2-diet...	13.72	7.2	ug/L	794544	3	13.56	2768220	25.0	
Benzene, 1-methyl...	13.75	20.3	ug/L	2246640	3	13.56	2768220	25.0	
Benzene, 1-ethyl-...	13.79	30.8	ug/L	3410780	3	13.56	2768220	25.0	
Benzene, 1-methyl...	13.95	7.4	ug/L	821055	3	13.56	2768220	25.0	
Benzene, 2-ethyl-...	14.01	19.0	ug/L	2108020	3	13.56	2768220	25.0	
Benzene, 1-ethyl-...	14.04	20.6	ug/L	2284310	3	13.56	2768220	25.0	
Benzene, 1-ethyl-...	14.10	39.1	ug/L	4330020	3	13.56	2768220	25.0	
o-Cymene	14.21	11.1	ug/L	1231960	3	13.56	2768220	25.0	
unknown-01	14.26	1.3	ug/L	139586	3	13.56	2768220	25.0	
Benzene, 2-ethyl-...	14.34	13.1	ug/L	1448050	3	13.56	2768220	25.0	
Benzene, 1,2,3,4-...	14.42	33.6	ug/L	3726000	3	13.56	2768220	25.0	
Benzene, 1,2,3,5-...	14.46	41.1	ug/L	4548480	3	13.56	2768220	25.0	

Benzene, (1,1-dim...	14.50	6.4 ug/L	710269	3	13.56	2768220	25.0
Benzene, 1-methyl...	14.54	4.6 ug/L	505719	3	13.56	2768220	25.0
(3-Methylphenyl) ...	14.65	2.2 ug/L	246236	3	13.56	2768220	25.0
Benzene, 1-etheny...	14.69	11.7 ug/L	1292150	3	13.56	2768220	25.0
unknown-02	14.73	11.1 ug/L	1224920	3	13.56	2768220	25.0
Benzene, 1,2,4,5-...	14.80	37.6 ug/L	4163450	3	13.56	2768220	25.0
Acetic acid, (2,4...	14.85	7.0 ug/L	774138	3	13.56	2768220	25.0
Naphthalene, 1,2,...	14.96	2.2 ug/L	244148	3	13.56	2768220	25.0
(DEL) Alkane: Str...	15.25	2.0 ug/L	220936	3	13.56	2768220	25.0
(DEL) Alkane: Str...	15.55	4.3 ug/L	470911	3	13.56	2768220	25.0

Instrument :
 MSVOA_W
ClientSampleId :
 BG3Y7