

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121619\
 Data File : VW014366.D
 Acq On : 16 Dec 2019 13:59
 Operator : SY/VA
 Sample : K6270-04RE
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK82RE

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\SOM2WLM120519S.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	2.160	38	42	48	rBV2	7279	12979	0.17%	0.027%
2	2.349	66	73	82	rBV	50528	86544	1.13%	0.181%
3	2.495	94	97	103	rVB	11621	17280	0.23%	0.036%
4	2.879	154	160	173	rVB	46825	115999	1.51%	0.242%
5	3.007	179	181	182	rBV	1702	1624	0.02%	0.003%
6	3.019	182	183	191	rVB6	4688	8050	0.11%	0.017%
7	3.080	191	193	195	rVB3	1433	880	0.01%	0.002%
8	3.105	195	197	204	rVB6	1109	2410	0.03%	0.005%
9	3.342	234	236	238	rBV2	878	873	0.01%	0.002%
10	3.391	238	244	252	rVB5	4150	9502	0.12%	0.020%
11	3.531	261	267	272	rBV5	1755	3981	0.05%	0.008%
12	3.629	281	283	284	rBV2	1375	904	0.01%	0.002%
13	3.641	284	285	289	rVV2	1086	1164	0.02%	0.002%
14	3.714	295	297	299	rVV2	1117	1005	0.01%	0.002%
15	4.013	335	346	357	rBV2	60225	162856	2.13%	0.340%
16	4.123	357	364	373	rVV	10066	26847	0.35%	0.056%
17	4.348	395	401	402	rBV3	1473	1984	0.03%	0.004%
18	4.391	403	408	410	rVV4	1245	2291	0.03%	0.005%
19	4.415	410	412	416	rVB2	1129	1174	0.02%	0.002%
20	4.495	422	425	429	rVB3	904	1296	0.02%	0.003%
21	4.915	484	494	503	rBV7	7713	28118	0.37%	0.059%
22	5.232	543	546	550	rBV3	606	1035	0.01%	0.002%
23	5.397	570	573	574	rBV3	1000	861	0.01%	0.002%
24	5.434	576	579	581	rVB3	1196	1281	0.02%	0.003%
25	5.458	581	583	586	rVB3	1154	1097	0.01%	0.002%
26	5.531	592	595	598	rBV4	681	1088	0.01%	0.002%
27	5.757	630	632	633	rBV2	1101	978	0.01%	0.002%
28	5.793	633	638	642	rBV5	1446	2638	0.03%	0.006%
29	5.879	649	652	654	rBV4	745	962	0.01%	0.002%
30	5.940	654	662	672	rVB6	5993	17628	0.23%	0.037%
31	6.098	686	688	690	rBV2	979	872	0.01%	0.002%
32	6.257	709	714	718	rVB2	1053	1978	0.03%	0.004%
33	6.409	733	739	742	rBV4	1429	3209	0.04%	0.007%
34	6.671	778	782	785	rBV3	582	957	0.01%	0.002%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	6.878	812	816	817	rBV2	1372	2050	0.03%	0.004%
36	6.982	826	833	838	rVB8	3024	7916	0.10%	0.017%
37	7.086	838	850	852	rBV	16913	41995	0.55%	0.088%
38	7.415	903	904	908	rVB	897	910	0.01%	0.002%
39	7.482	912	915	917	rBV2	729	990	0.01%	0.002%
40	7.531	919	923	925	rBV3	1710	1406	0.02%	0.003%
41	7.647	931	942	956	rBV2	79193	197273	2.57%	0.412%
42	7.781	962	964	967	rVB	1181	901	0.01%	0.002%
43	7.951	981	992	999	rBV8	11822	34840	0.45%	0.073%
44	8.153	1017	1025	1032	rVV7	3989	9723	0.13%	0.020%
45	8.275	1036	1045	1060	rBV2	142196	450114	5.88%	0.939%
46	8.433	1065	1071	1074	rVB5	1992	3534	0.05%	0.007%
47	8.506	1079	1083	1086	rBV6	1361	1863	0.02%	0.004%
48	8.561	1086	1092	1095	rBV7	3174	4909	0.06%	0.010%
49	8.695	1107	1114	1124	rVV5	7632	16859	0.22%	0.035%
50	8.841	1129	1138	1148	rBV	124349	258904	3.38%	0.540%
51	9.006	1161	1165	1167	rVV2	696	922	0.01%	0.002%
52	9.073	1168	1176	1187	rVV4	9471	22129	0.29%	0.046%
53	9.274	1199	1209	1215	rBV	99888	218196	2.85%	0.455%
54	9.323	1215	1217	1225	rVB5	11257	22960	0.30%	0.048%
55	9.512	1244	1248	1251	rBV4	1242	1494	0.02%	0.003%
56	9.604	1258	1263	1265	rVB4	1187	1759	0.02%	0.004%
57	9.665	1268	1273	1274	rBV4	1414	2147	0.03%	0.004%
58	9.744	1283	1286	1292	rBV4	2254	3782	0.05%	0.008%
59	9.896	1306	1311	1314	rBV5	2312	3388	0.04%	0.007%
60	9.957	1314	1321	1325	rBV5	3802	8436	0.11%	0.018%
61	10.036	1328	1334	1341	rVV2	44070	84334	1.10%	0.176%
62	10.097	1341	1344	1349	rVB4	2619	4107	0.05%	0.009%
63	10.207	1357	1362	1366	rBV6	2192	4712	0.06%	0.010%
64	10.323	1374	1381	1387	rBV2	125398	232964	3.04%	0.486%
65	10.384	1387	1391	1397	rVB	20045	37218	0.49%	0.078%
66	10.500	1404	1410	1416	rVB5	10015	17896	0.23%	0.037%
67	10.579	1416	1423	1434	rBV	28180	61315	0.80%	0.128%
68	10.664	1434	1437	1440	rVB3	2324	2795	0.04%	0.006%
69	10.750	1448	1451	1457	rBV7	2852	5674	0.07%	0.012%
70	10.853	1463	1468	1473	rVB5	6627	13171	0.17%	0.027%
71	10.926	1473	1480	1492	rBV2	57828	118075	1.54%	0.246%

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Integration Parameters: LSCINT.P

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72	11.036	1492	1498	1501	rBV3	11536	22879	0.30%	0.048%
73	11.109	1505	1510	1514	rBV3	18976	29333	0.38%	0.061%
74	11.176	1517	1521	1523	rBV3	9489	12880	0.17%	0.027%
75	11.225	1524	1529	1535	rBV	123753	214212	2.80%	0.447%
76	11.280	1535	1538	1542	rBV2	16660	22425	0.29%	0.047%
77	11.335	1542	1547	1551	rBV3	50908	89022	1.16%	0.186%
78	11.432	1551	1563	1570	rVB5	164063	470883	6.15%	0.982%
79	11.512	1570	1576	1581	rBV	176991	283458	3.70%	0.591%
80	11.628	1588	1595	1604	rBV2	125585	324104	4.23%	0.676%
81	11.762	1612	1617	1621	rBV2	217731	361101	4.71%	0.753%
82	11.817	1621	1626	1630	rBV2	299028	541928	7.07%	1.131%
83	11.871	1630	1635	1639	rBV	425189	791145	10.33%	1.650%
84	11.975	1647	1652	1659	rBV3	275757	727672	9.50%	1.518%
85	12.054	1662	1665	1670	rVB2	270801	479968	6.26%	1.001%
86	12.134	1670	1678	1685	rBV2	1429304	3443925	44.95%	7.185%
87	12.249	1690	1697	1702	rVB	1869810	3307784	43.18%	6.901%
88	12.359	1702	1715	1722	rBV2	2495309	7661122	100.00%	15.983%
89	12.615	1752	1757	1760	rBV5	501504	884705	11.55%	1.846%
90	12.652	1760	1763	1766	rVV	372864	538443	7.03%	1.123%
91	12.780	1779	1784	1790	rVB2	2629207	4891488	63.85%	10.205%
92	12.859	1790	1797	1801	rBV4	1146506	2680877	34.99%	5.593%
93	12.938	1803	1810	1816	rBV7	1884727	5285176	68.99%	11.026%
94	13.079	1829	1833	1837	rBV3	1072121	1493222	19.49%	3.115%
95	13.121	1837	1840	1843	rBV2	719036	1139821	14.88%	2.378%
96	13.164	1843	1847	1854	rVB	3491874	5335047	69.64%	11.130%
97	13.481	1897	1899	1903	rVB	890442	983427	12.84%	2.052%
98	13.877	1959	1964	1968	rBV2	1565140	2645848	34.54%	5.520%
99	14.383	2044	2047	2051	rVB2	386170	500146	6.53%	1.043%
100	14.548	2071	2074	2080	rVB4	232627	348008	4.54%	0.726%

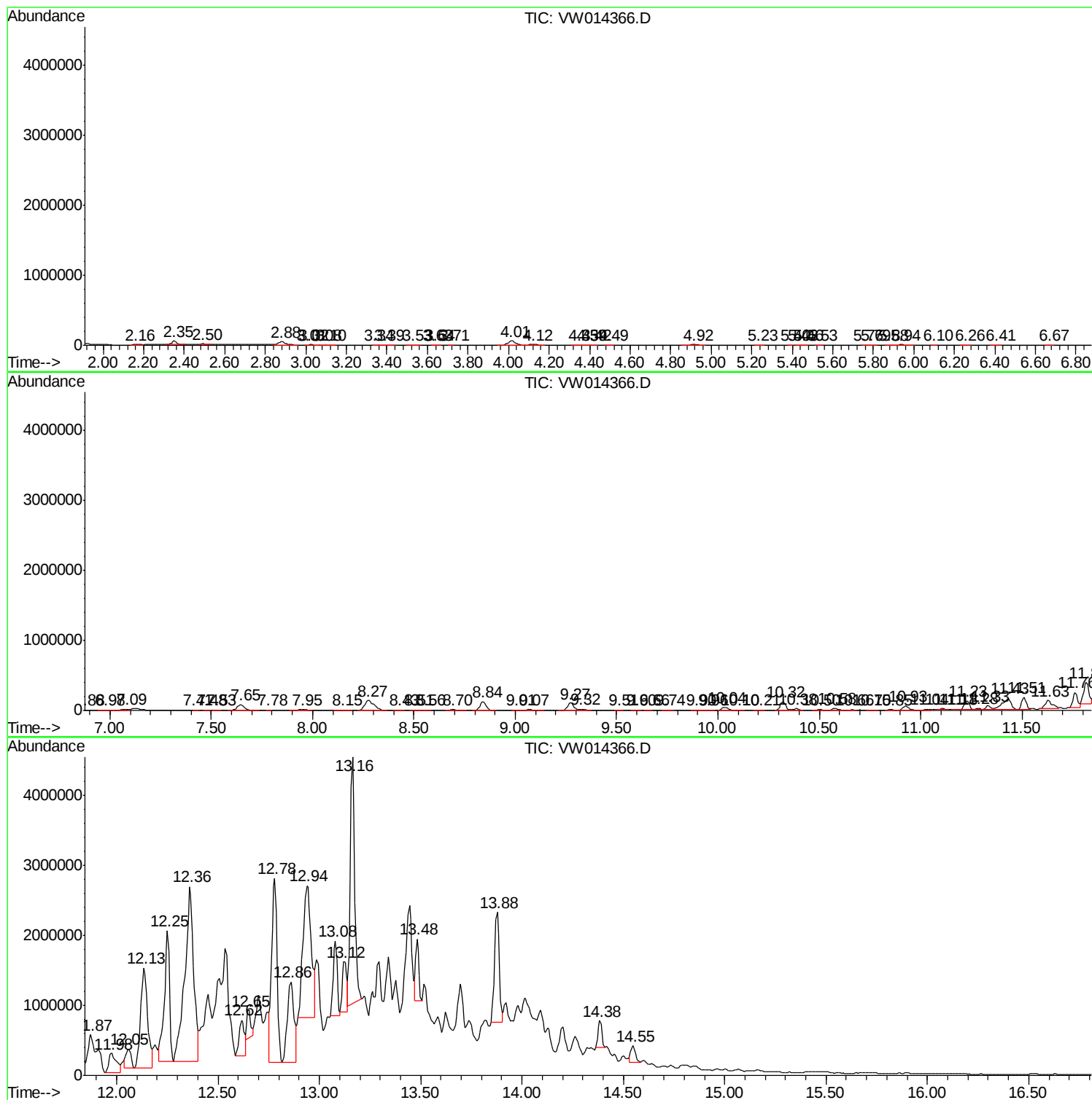
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



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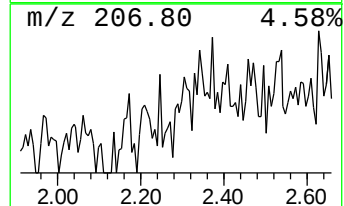
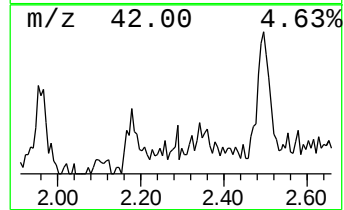
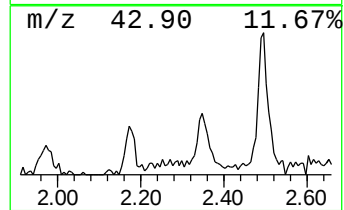
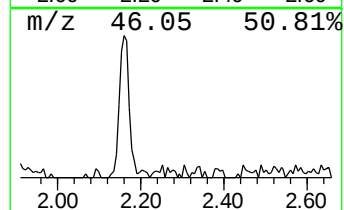
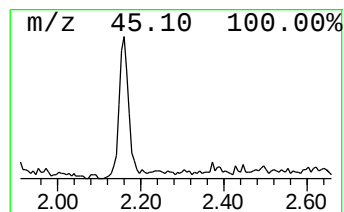
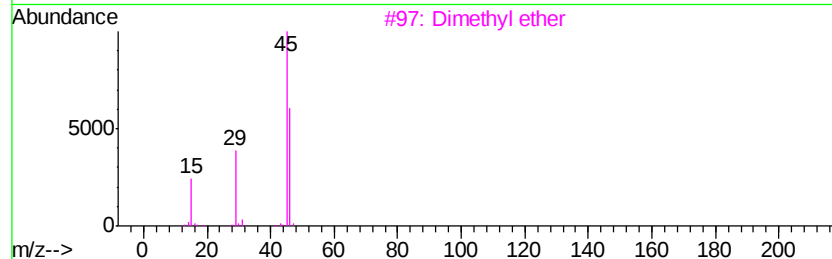
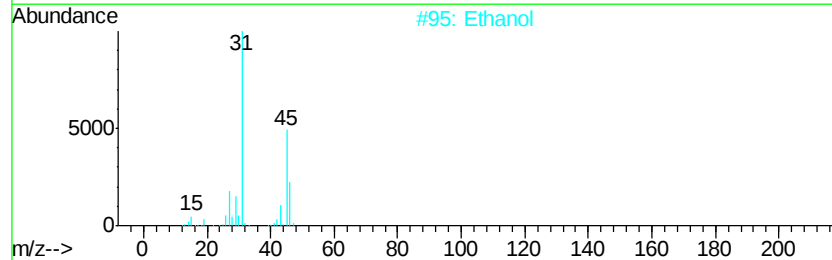
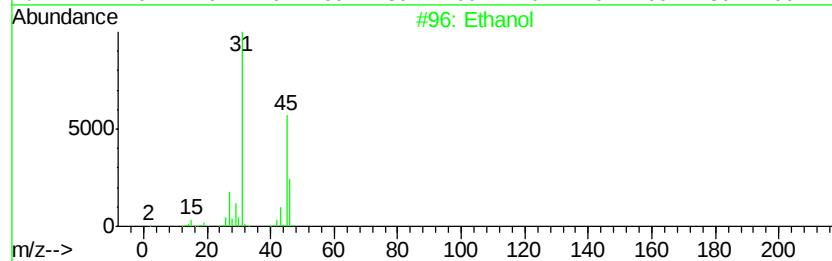
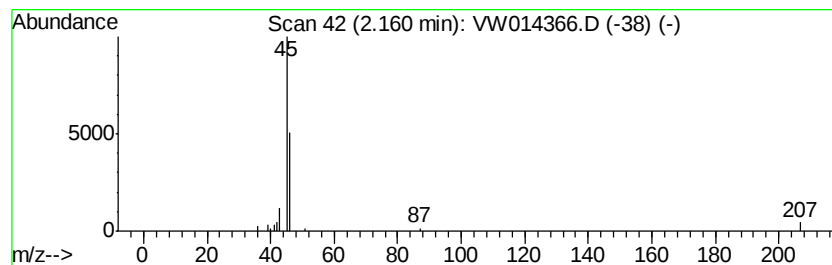
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	1.25 ug/L	12979	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol	46	C2H6O	000064-17-5	7
2		Ethanol	46	C2H6O	000064-17-5	5
3		Dimethyl ether	46	C2H6O	000115-10-6	5
4		Dimethyl ether	46	C2H6O	000115-10-6	5
5		Hydrazine, methyl-	46	CH6N2	000060-34-4	5



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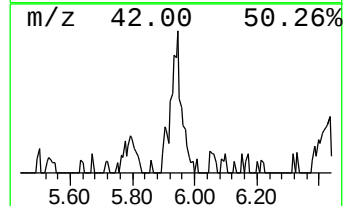
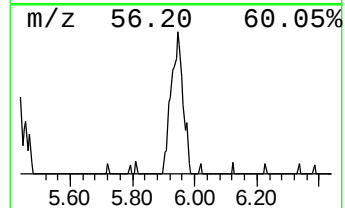
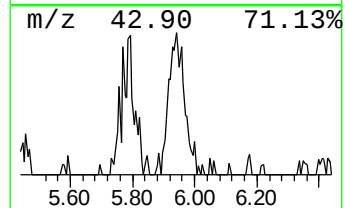
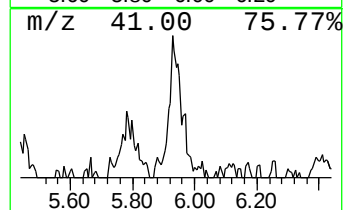
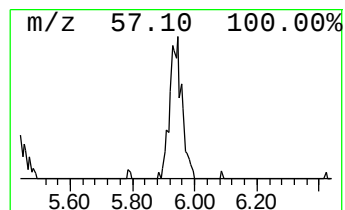
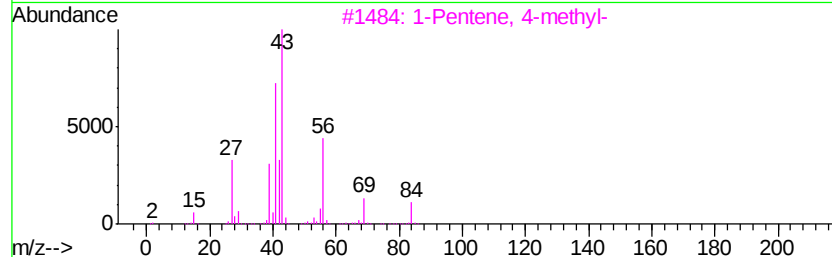
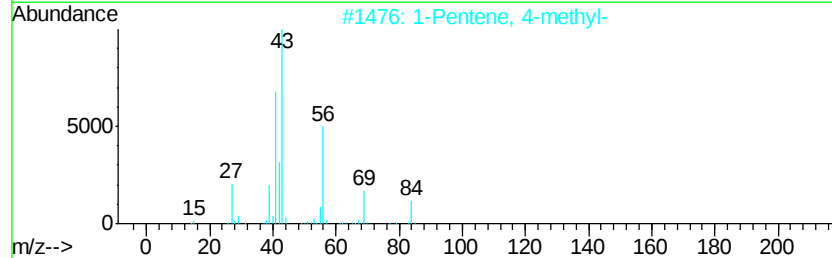
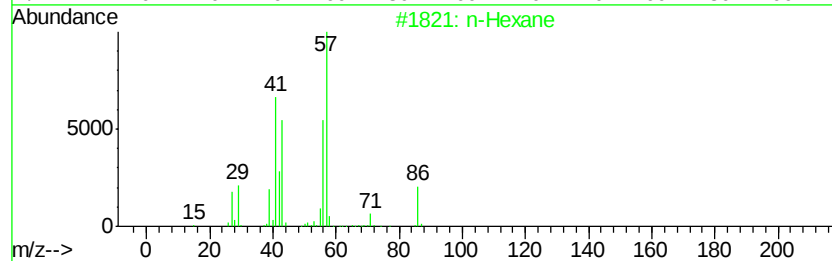
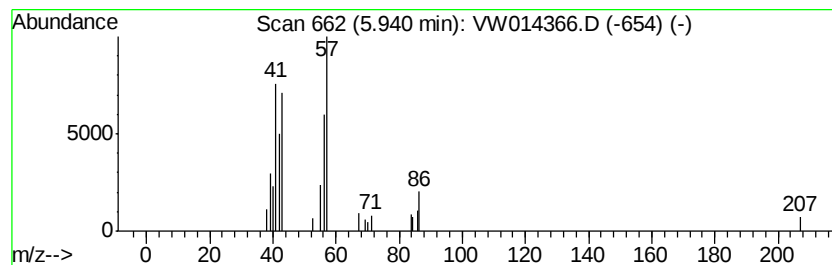
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	1.70 ug/L	17628	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	53
2		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	50
3		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	47
4		1-Hexene	84	C6H12	000592-41-6	47
5		n-Hexane	86	C6H14	000110-54-3	45



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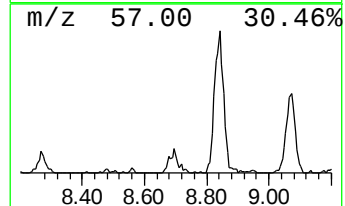
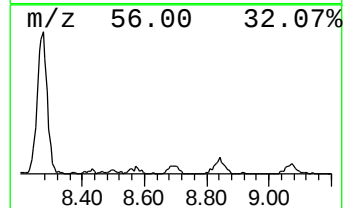
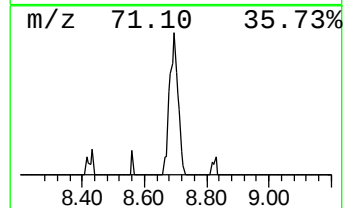
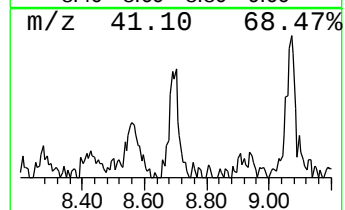
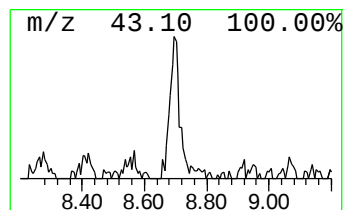
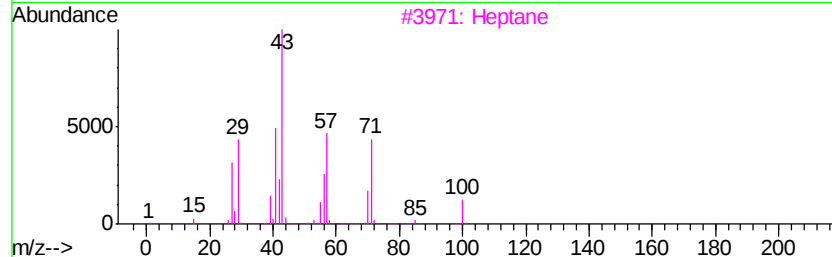
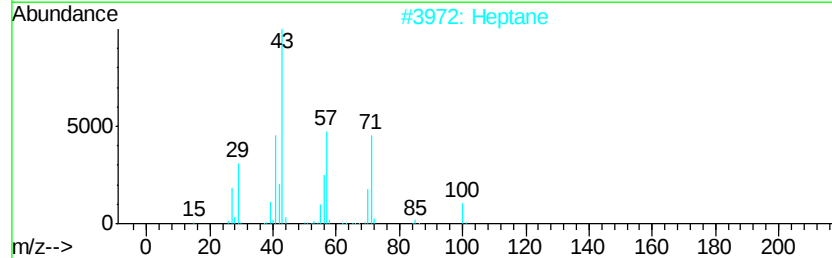
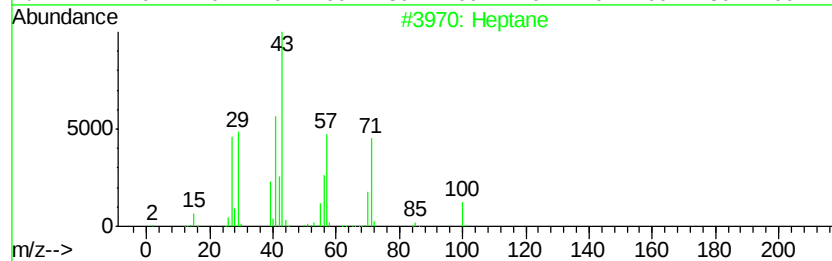
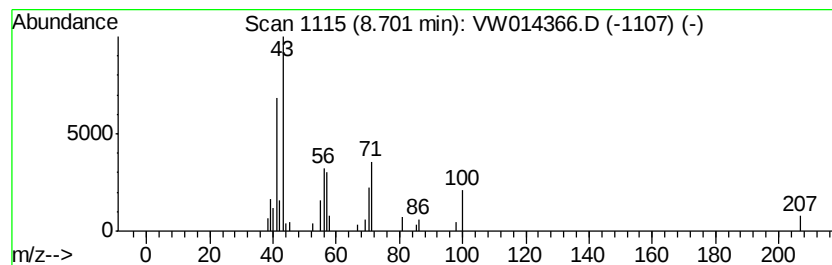
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	1.63 ug/L	16859	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	83
2		Heptane	100	C7H16	000142-82-5	80
3		Heptane	100	C7H16	000142-82-5	80
4		Heptane	100	C7H16	000142-82-5	64
5		1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

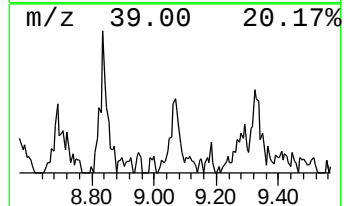
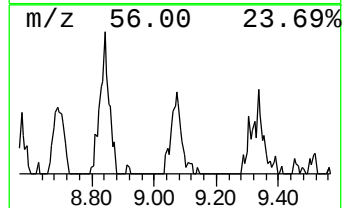
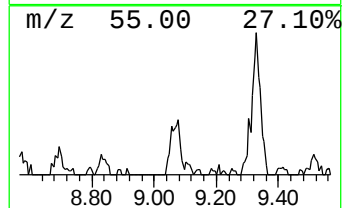
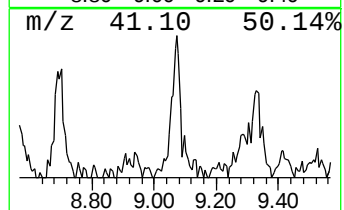
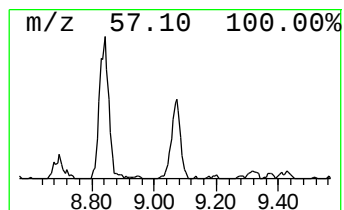
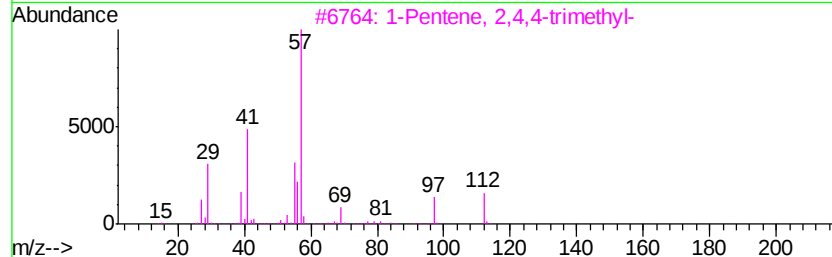
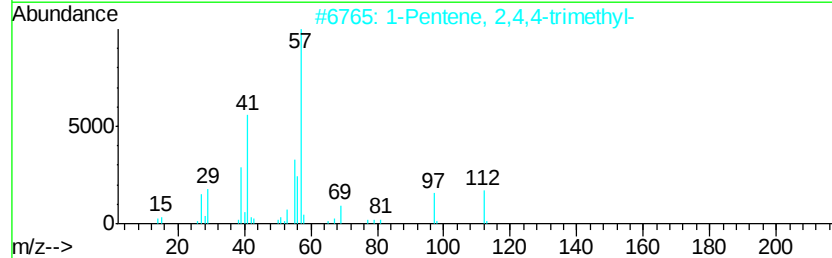
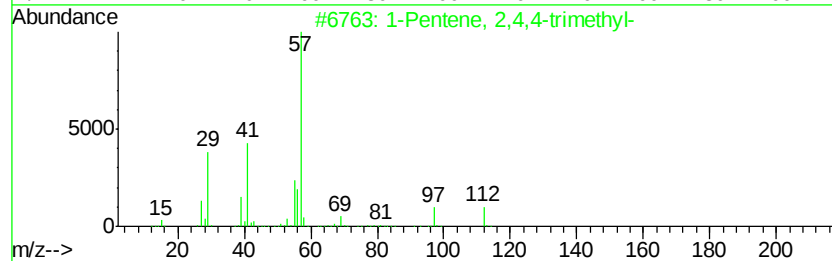
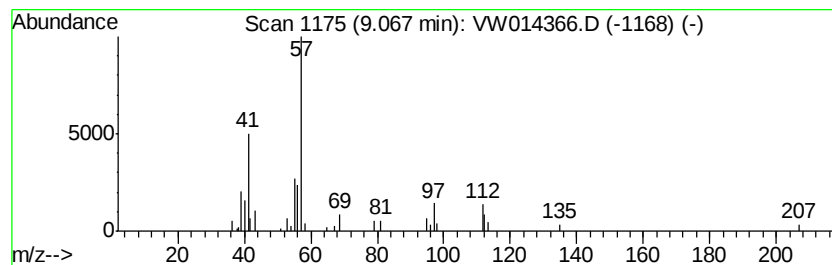
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic9.07 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.14 ug/L	22129	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43
2		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43
3		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43
4		2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	37
5		2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

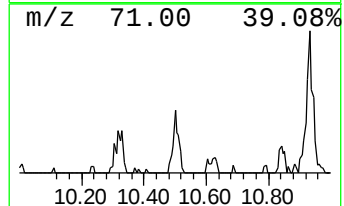
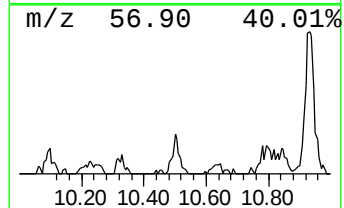
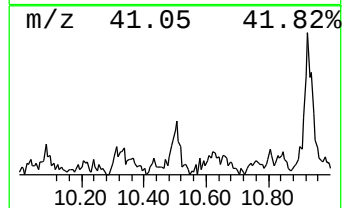
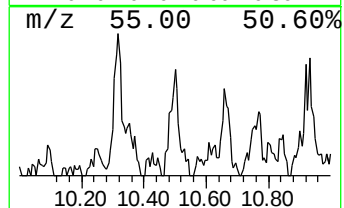
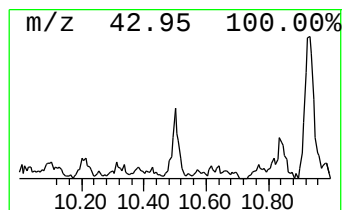
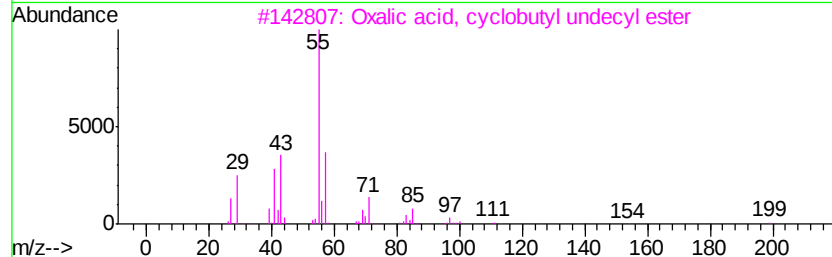
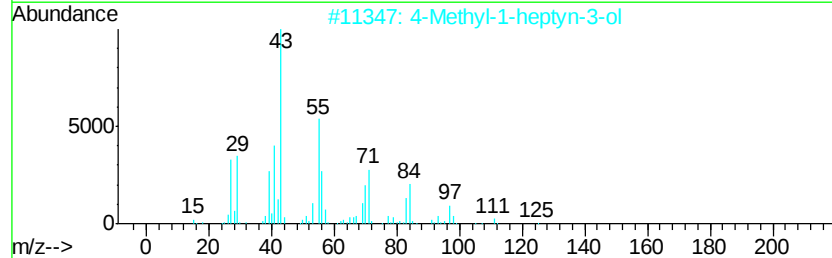
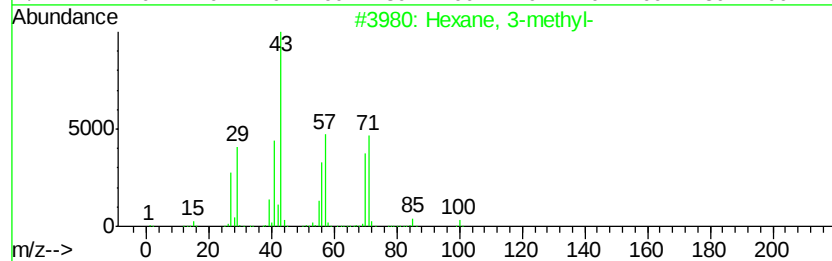
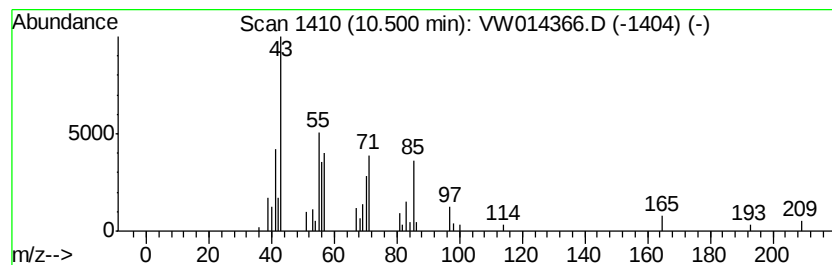
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	1.38 ug/L	17896	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	52
2		4-Methyl-1-heptyn-3-ol	126	C8H14O	1000342-45-3	50
3		Oxalic acid, cyclobutyl undecyl ...	298	C17H30O4	1000309-70-2	50
4		Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	50
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

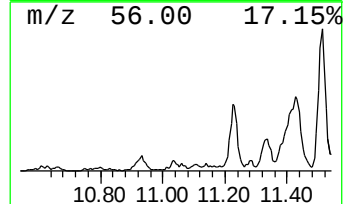
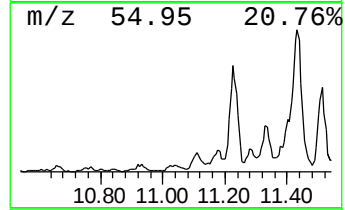
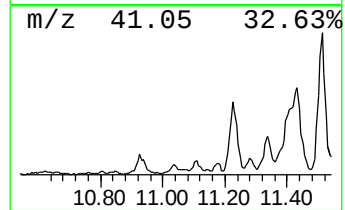
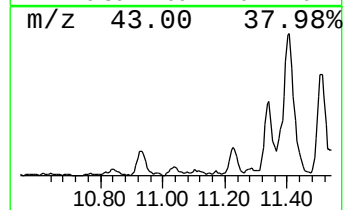
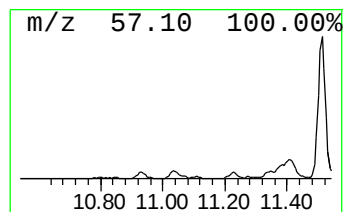
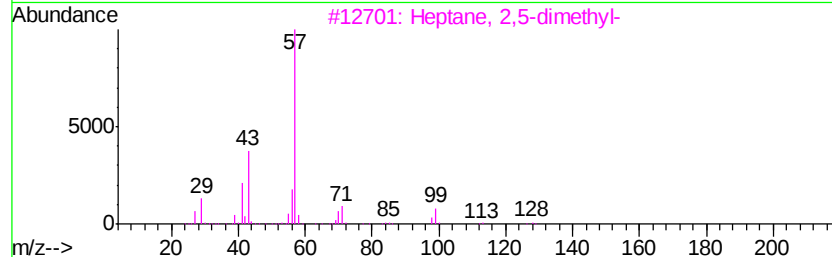
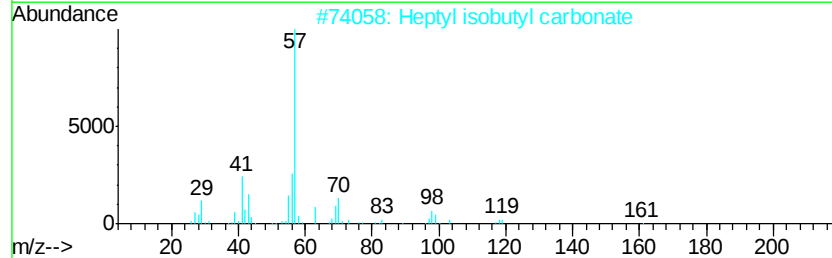
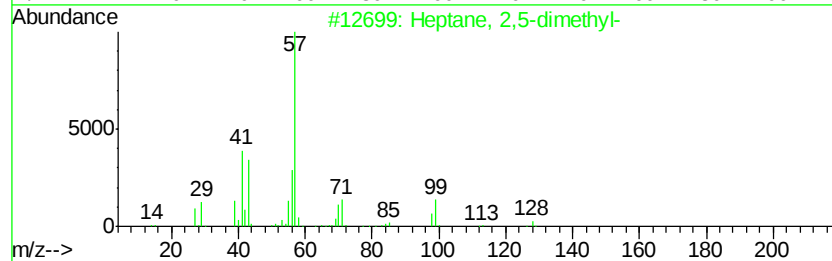
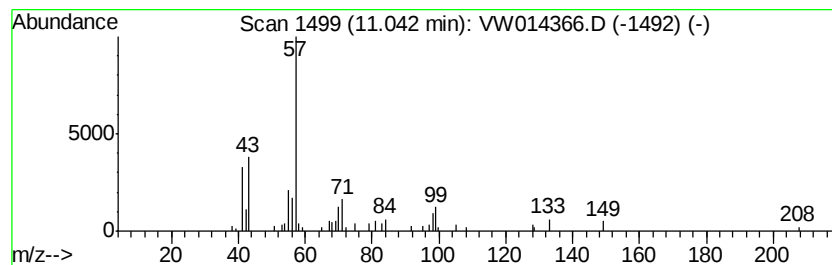
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	1.76 ug/L	22879	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	59
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	58
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	56
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

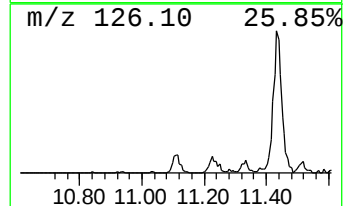
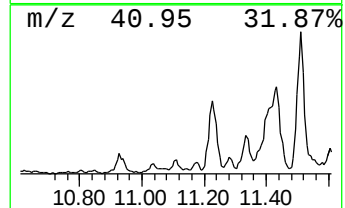
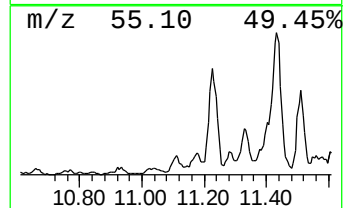
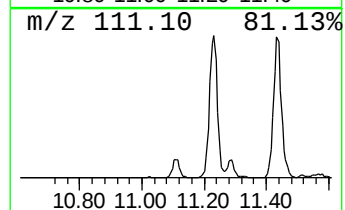
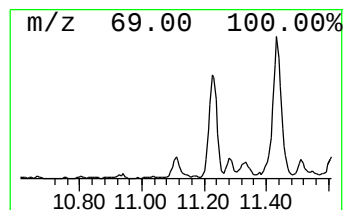
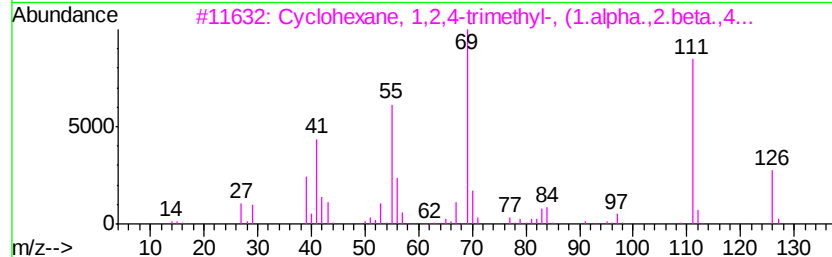
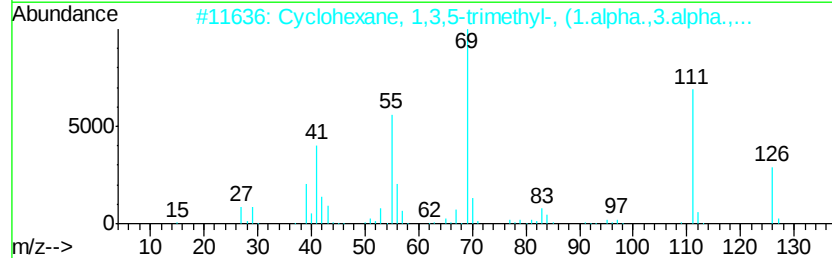
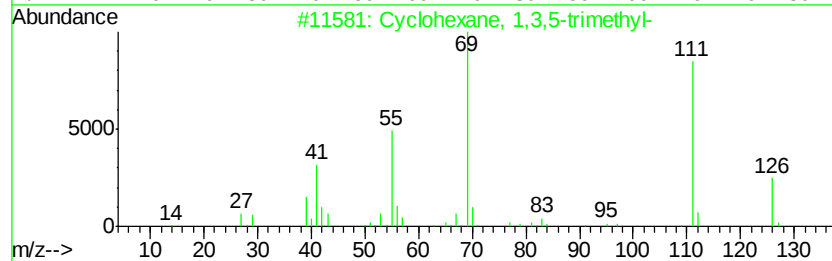
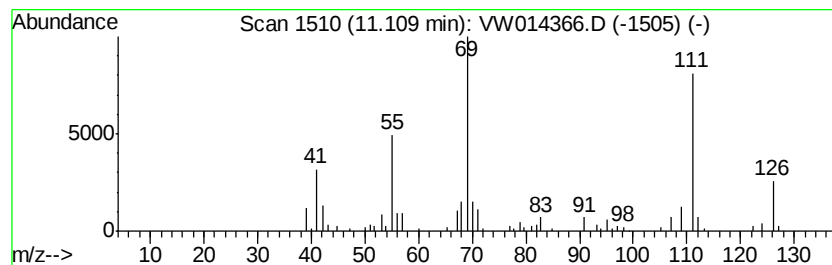
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic11.11 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	2.26 ug/L	29333	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	93
2		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	91
3		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
4		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

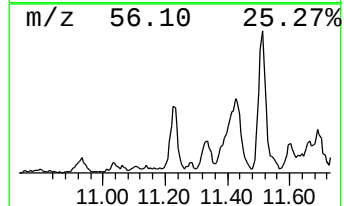
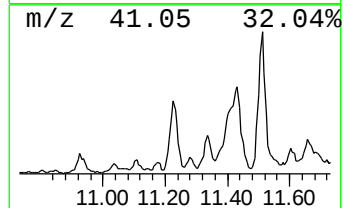
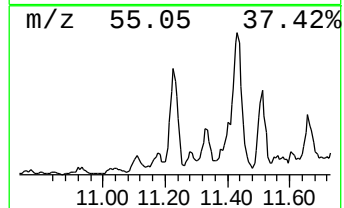
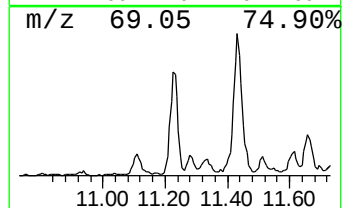
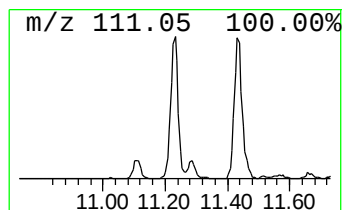
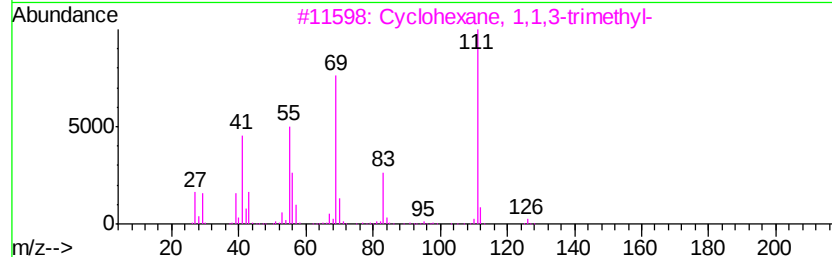
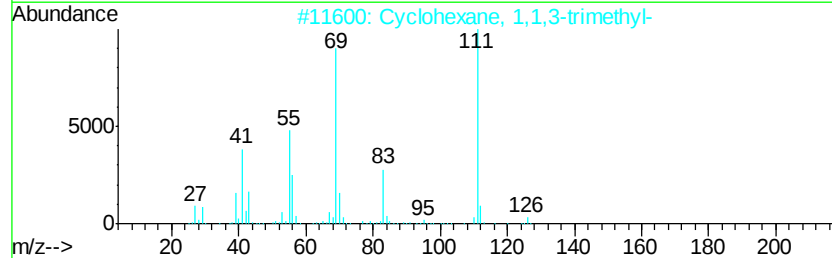
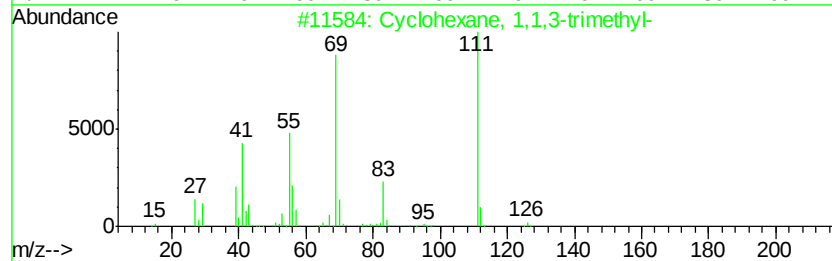
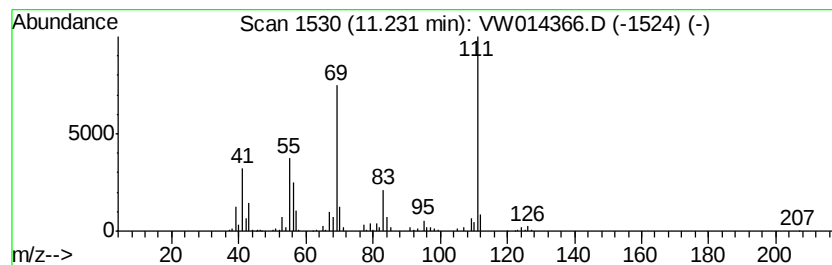
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic11.23 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	16.52 ug/L	214212	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
4		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
5		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

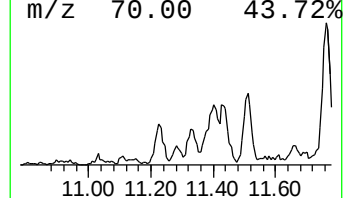
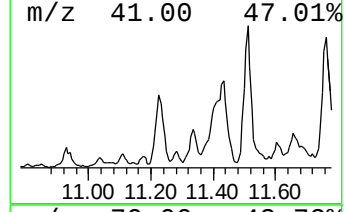
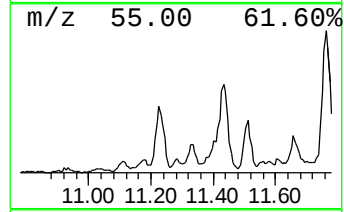
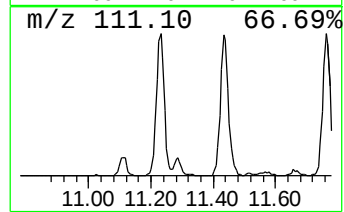
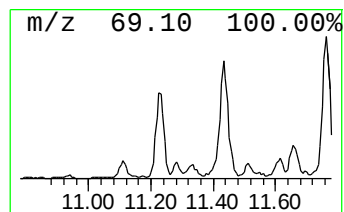
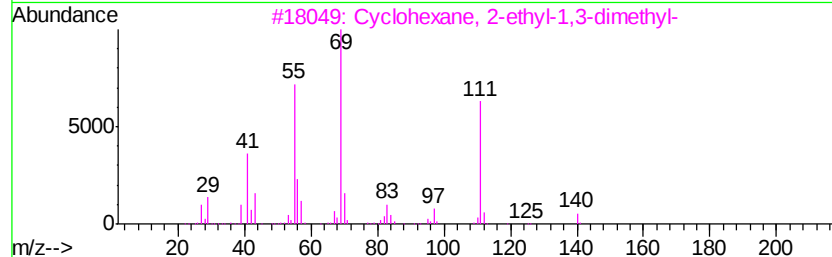
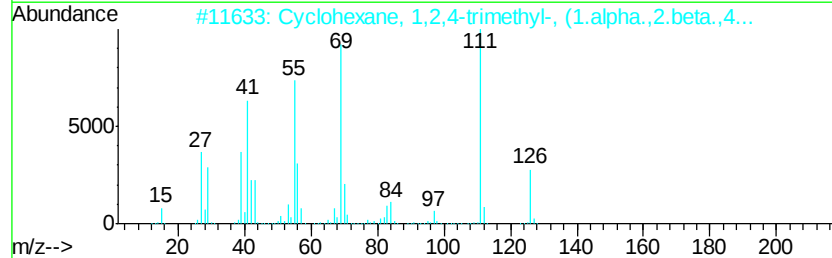
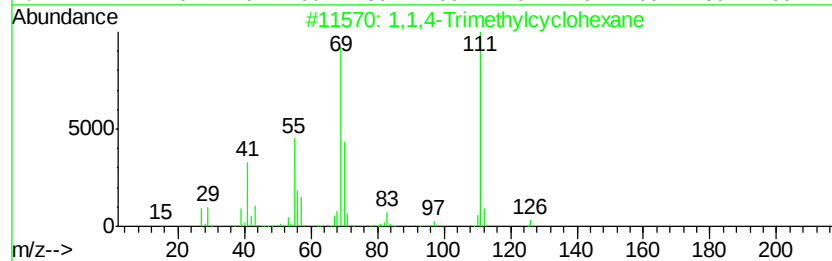
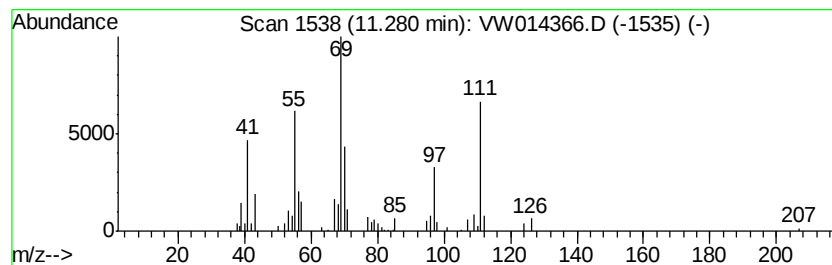
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Cyclic11.28 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	1.73 ug/L	22425	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64
2			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	53
3			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	53
4			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	53
5			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

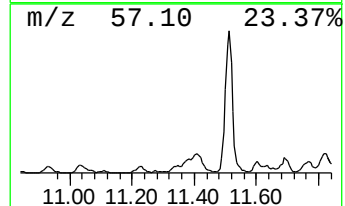
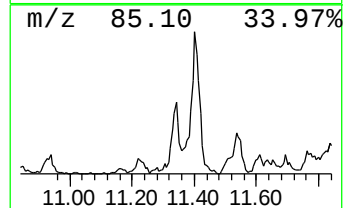
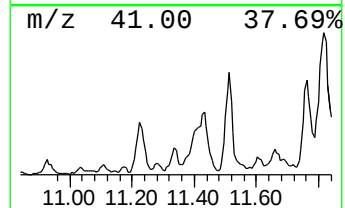
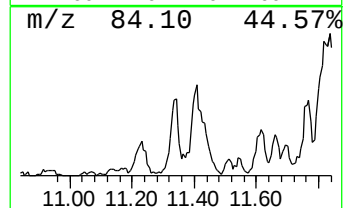
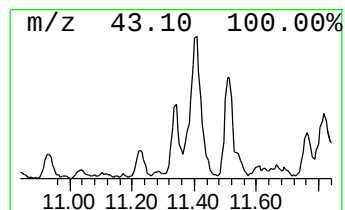
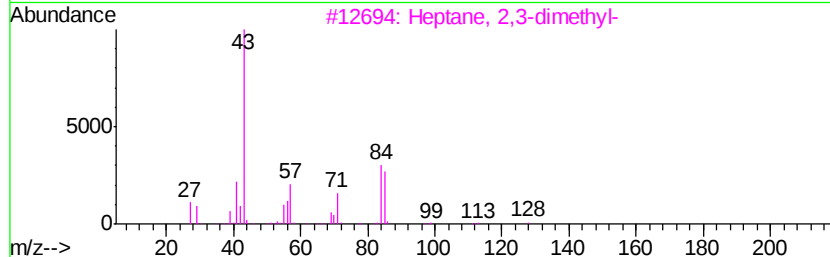
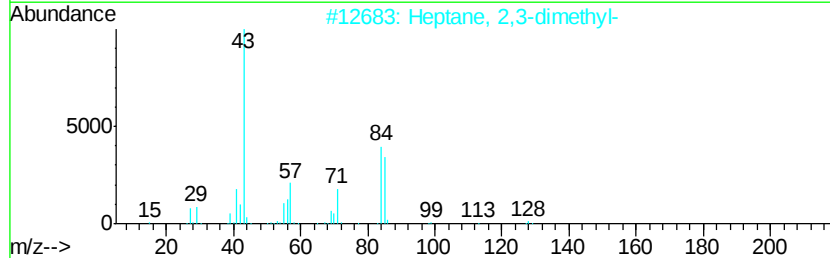
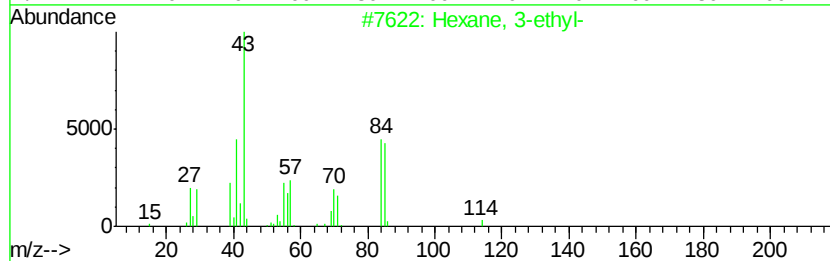
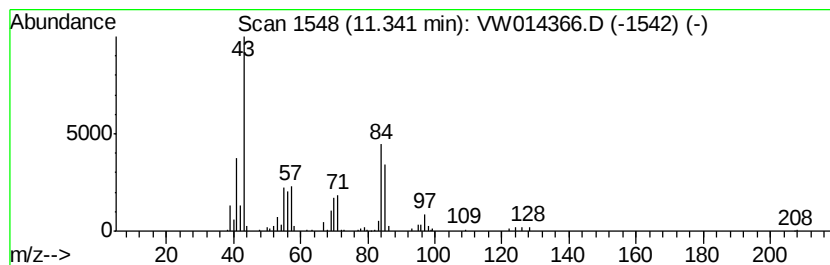
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	6.87 ug/L	89022	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-	114	C8H18	000619-99-8	58
2			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	49
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47
4			Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	42
5			Decane, 1-(ethenyl)-	184	C12H24	000765-05-9	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

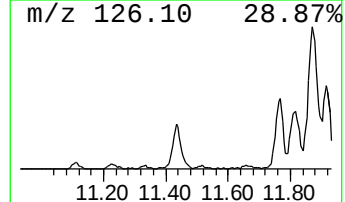
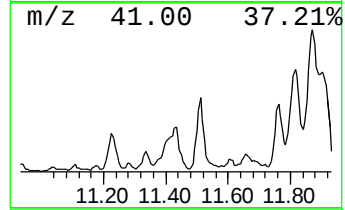
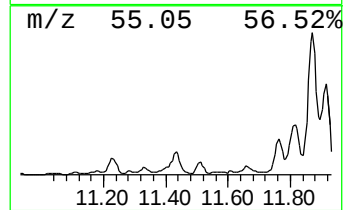
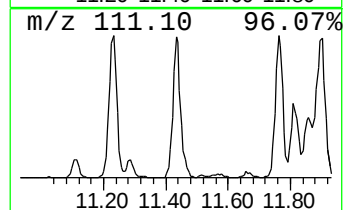
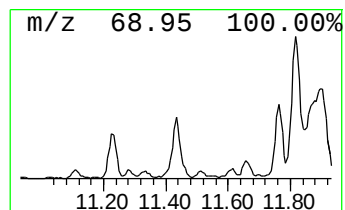
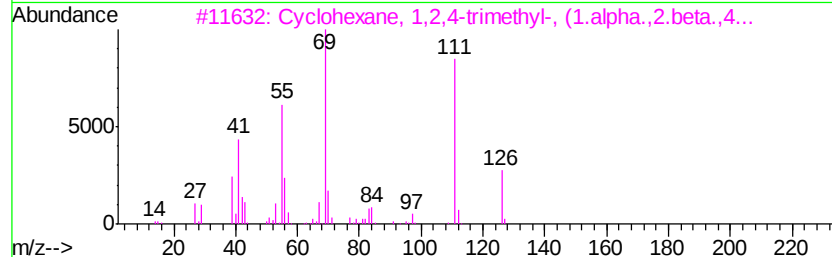
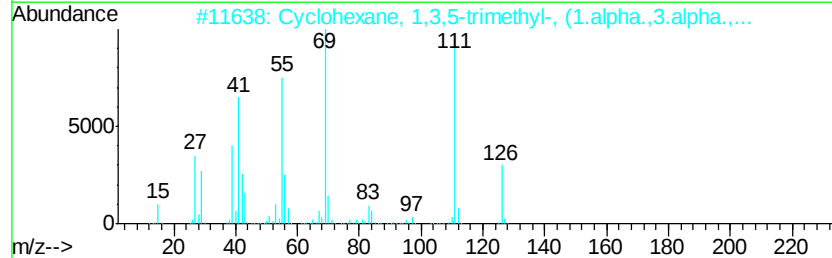
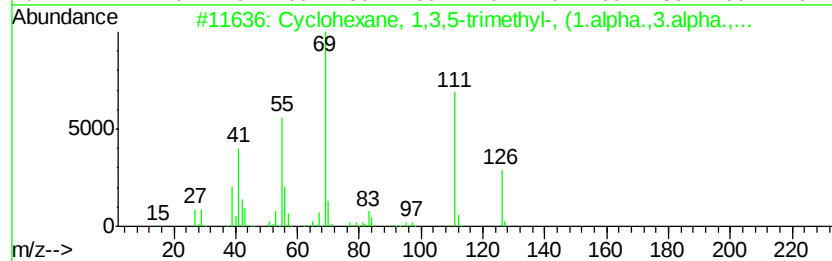
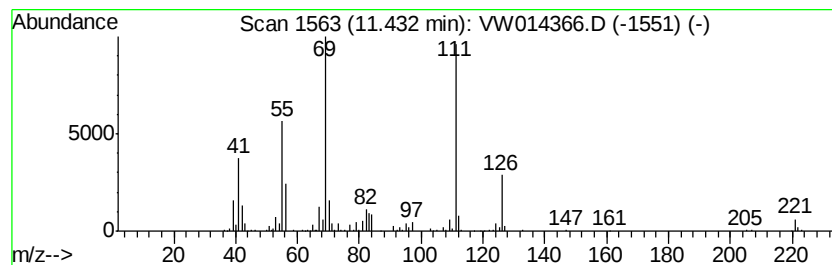
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic11.43 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	36.32 ug/L	470883	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	95
2		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	93
3		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

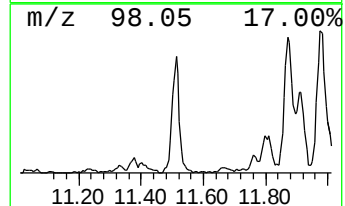
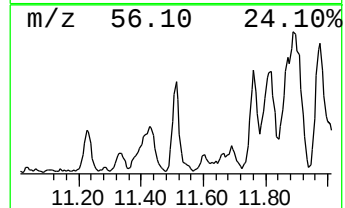
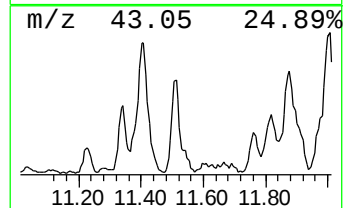
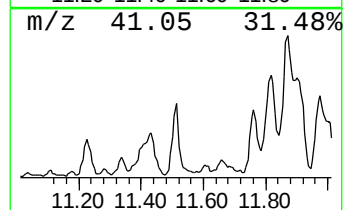
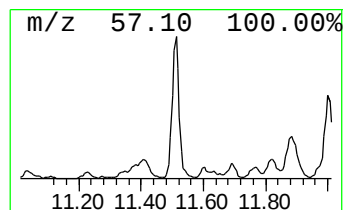
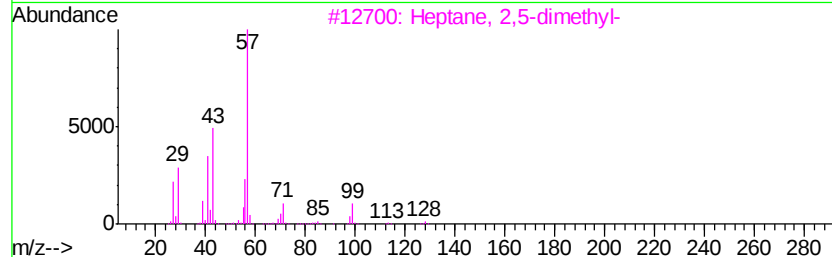
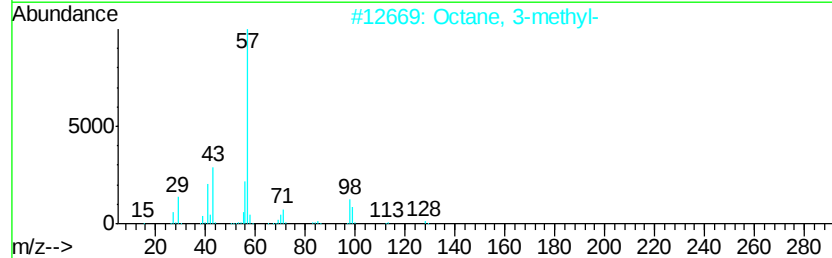
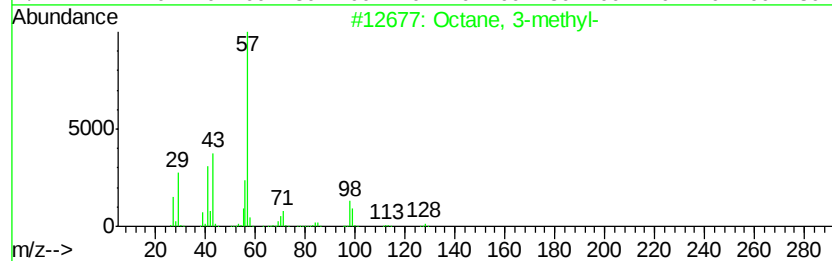
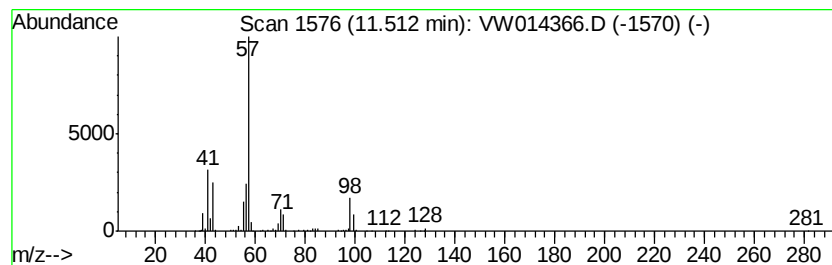
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	21.86 ug/L	283458	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	86
2		Octane, 3-methyl-	128	C9H20	002216-33-3	80
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
5		Heptane, 3-ethyl-	128	C9H20	015869-80-4	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

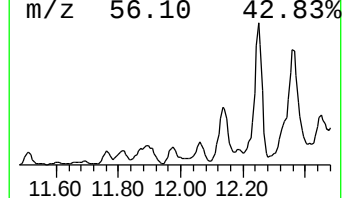
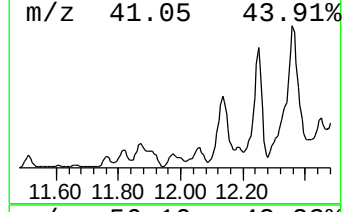
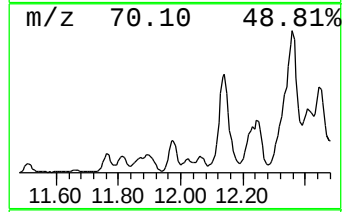
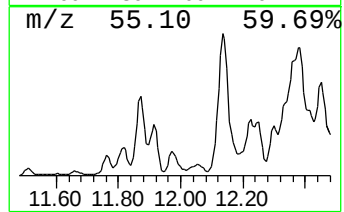
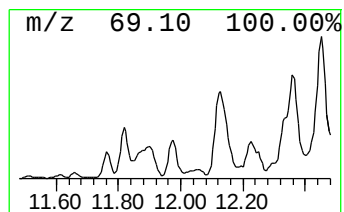
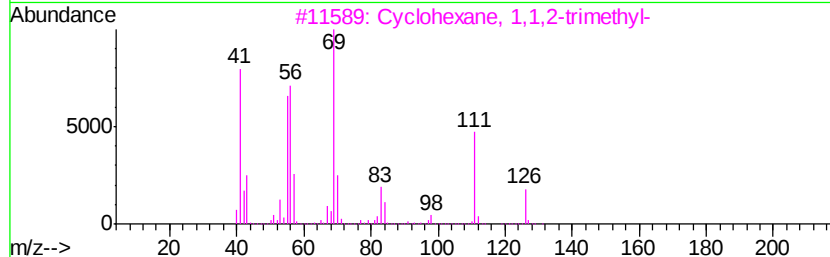
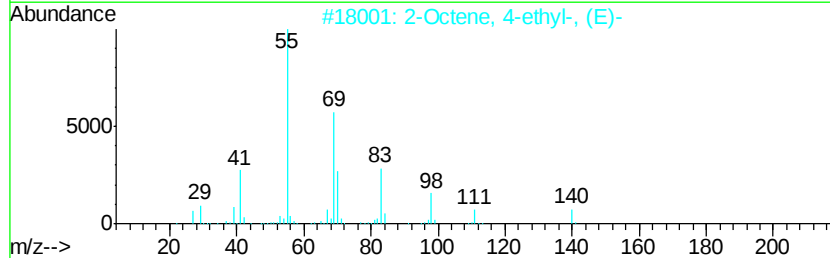
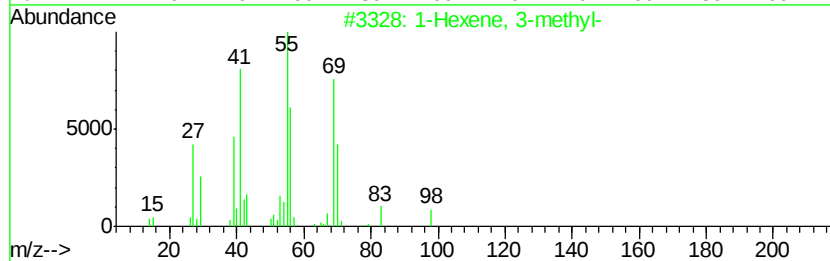
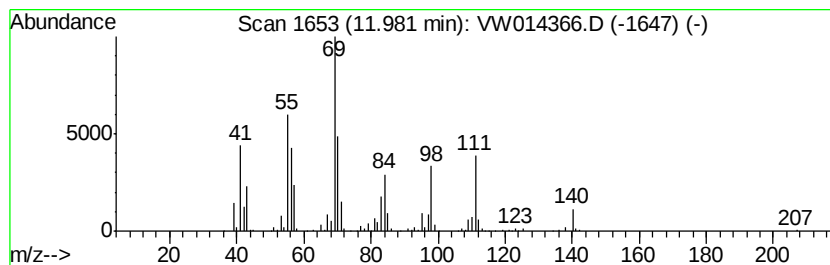
Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic11.98 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.98	56.13 ug/L	727672	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	58
2	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	52
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
4	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	50
5	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

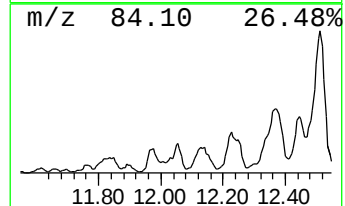
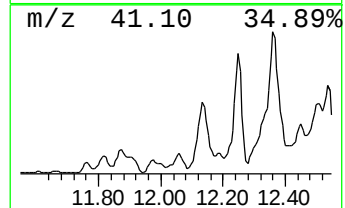
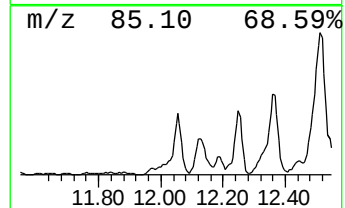
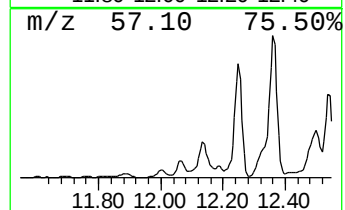
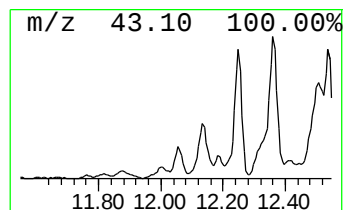
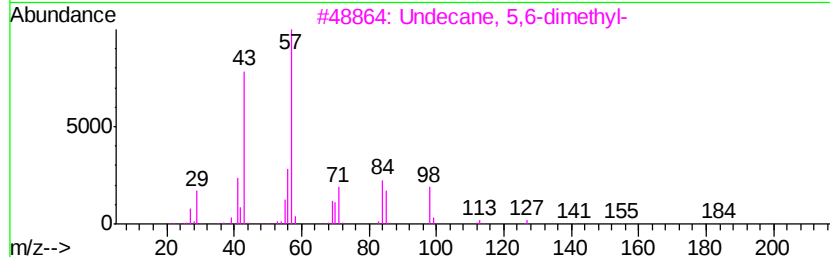
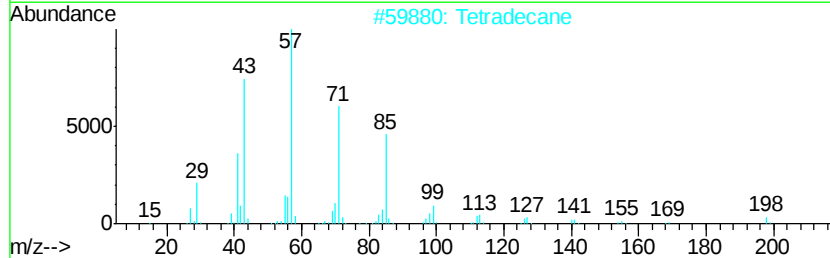
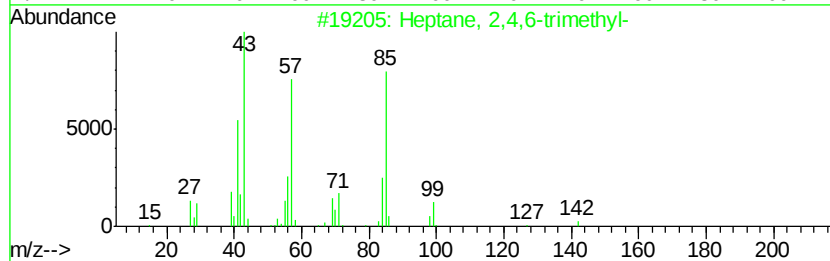
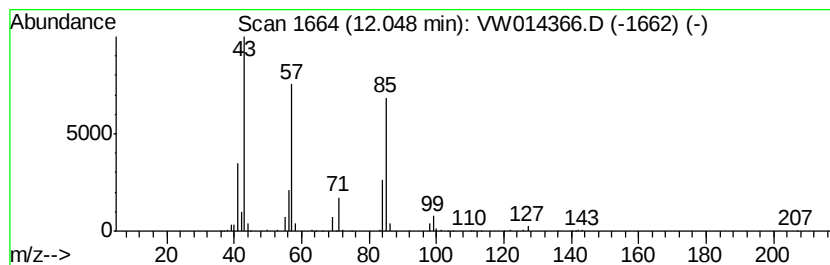
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	37.02 ug/L	479968	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	56
2		Tetradecane	198	C14H30	000629-59-4	53
3		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
4		Oxalic acid, hexyl isoheptyl ester	258	C14H26O4	1000309-33-0	53
5		Ether, heptyl hexyl	200	C13H28O	007289-40-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

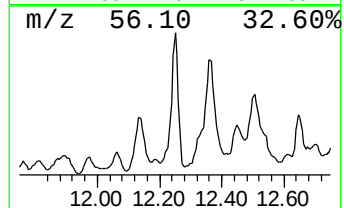
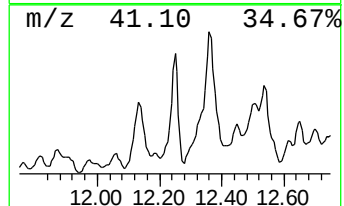
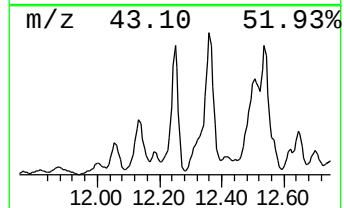
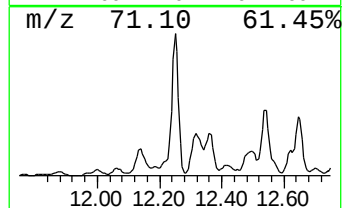
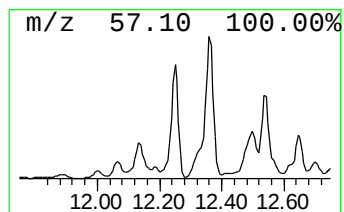
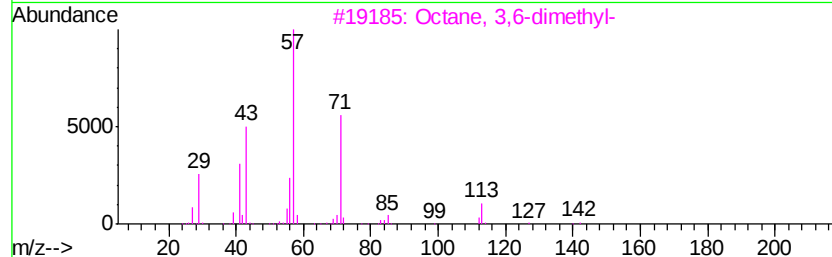
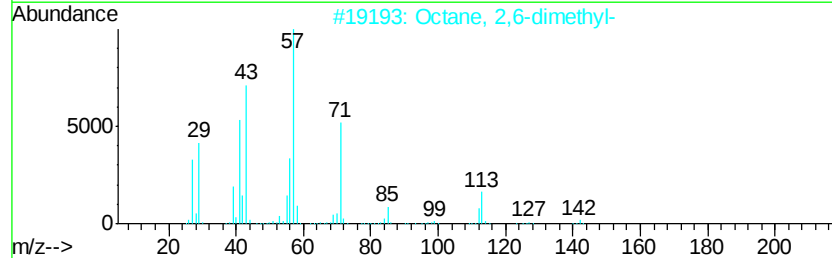
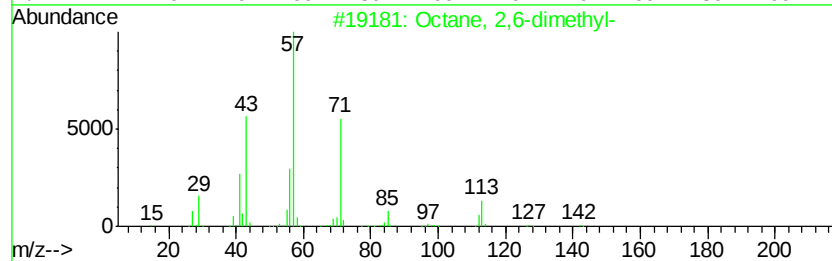
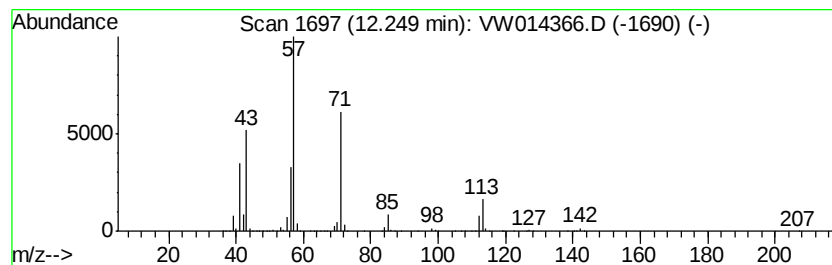
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	255.15 ug/L	3307780	Chlorobenzene-d5	11.63

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

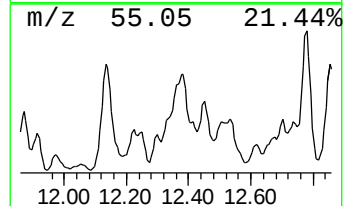
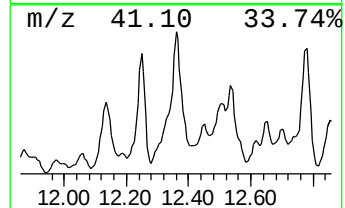
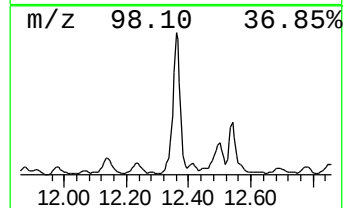
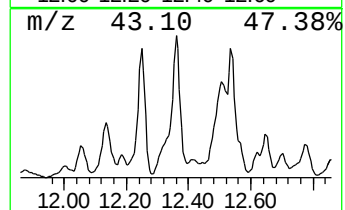
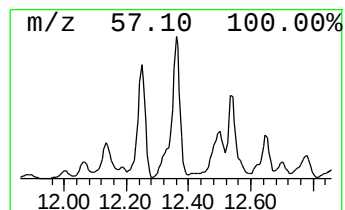
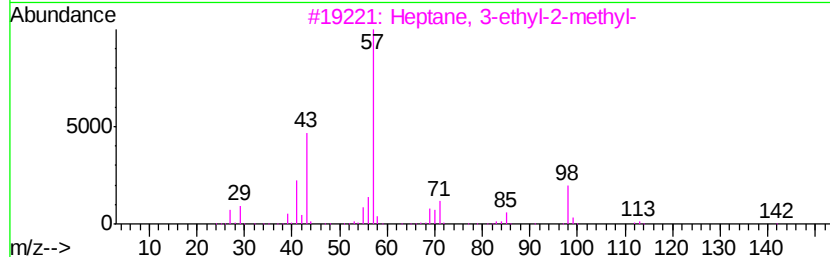
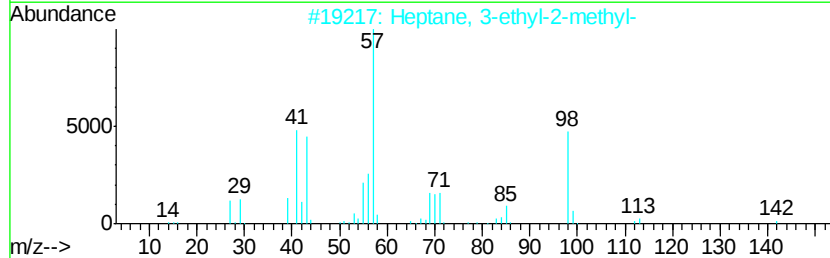
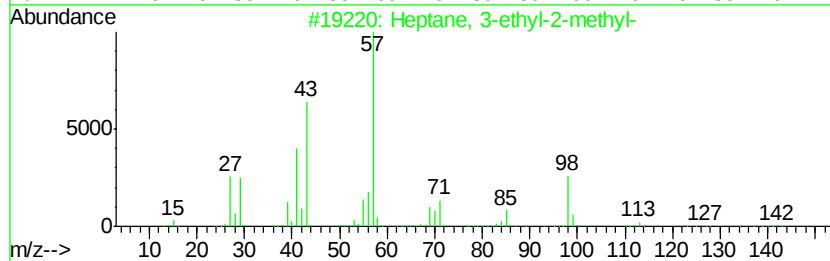
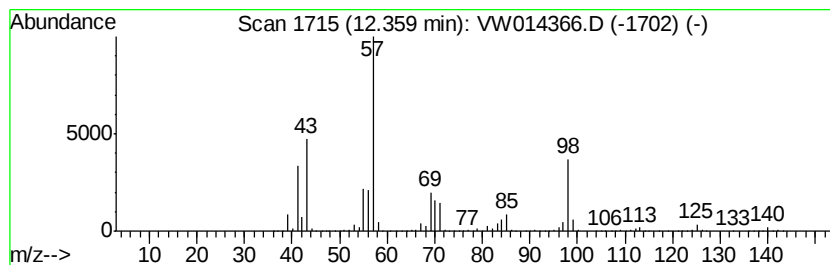
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	590.95 ug/L	7661120	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	87
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	68
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
5		Undecane, 6-methyl-	170	C12H26	017302-33-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

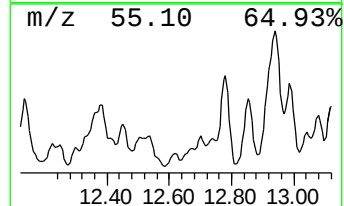
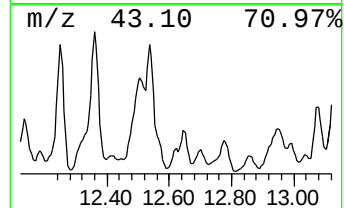
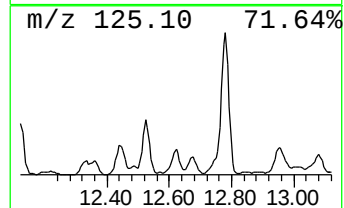
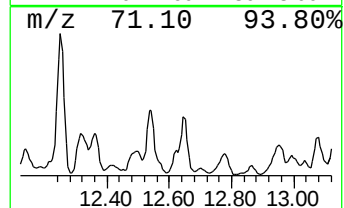
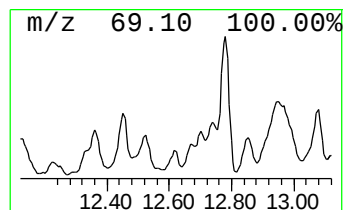
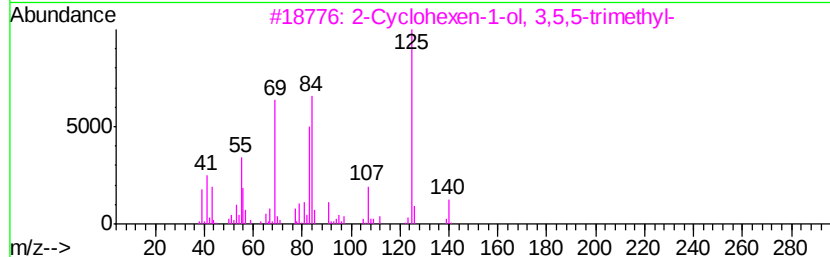
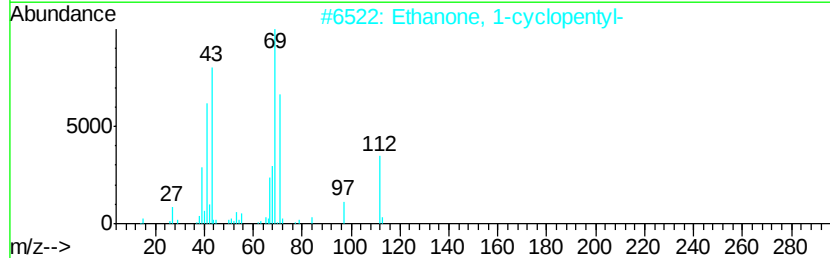
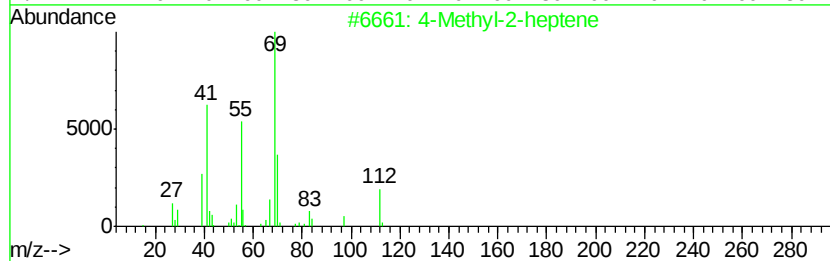
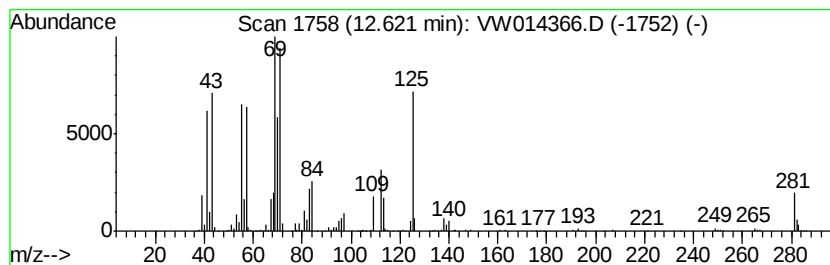
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Cyclic12.62 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	22.49 ug/L	884705	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methyl-2-heptene	112	C8H16	003404-56-6	41
2		Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	38
3		2-Cyclohexen-1-ol, 3,5,5-trimethyl-	140	C9H16O	000470-99-5	27
4		Propionic acid, 3-mercapto-, iso...	218	C11H22O2S	077916-53-1	22
5		Octane, 3-ethyl-	142	C10H22	005881-17-4	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

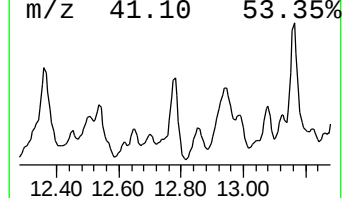
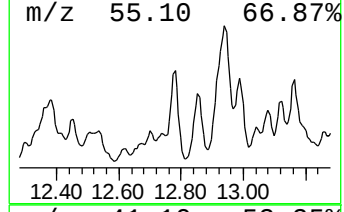
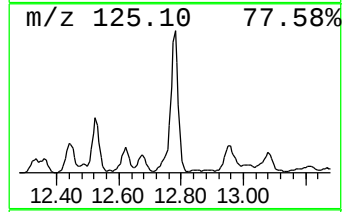
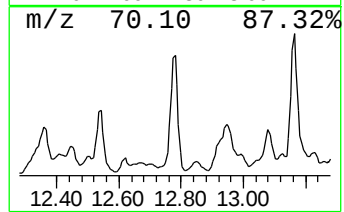
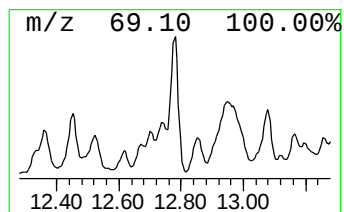
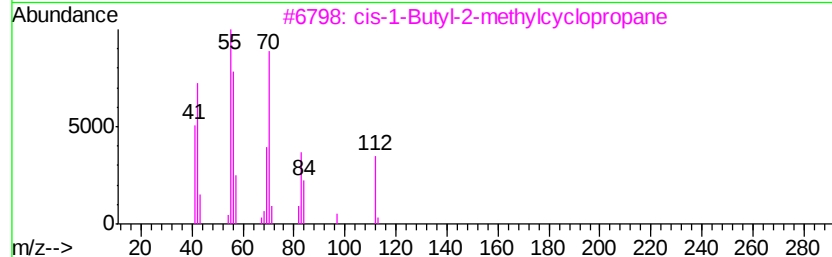
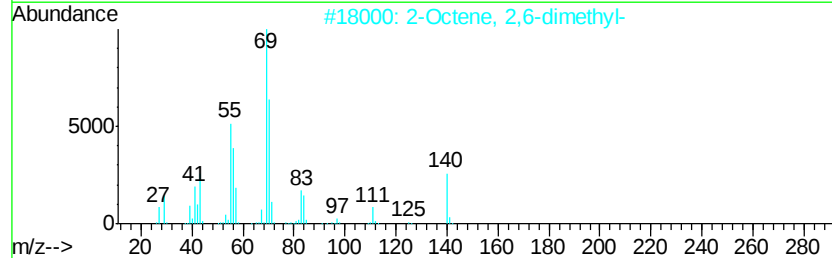
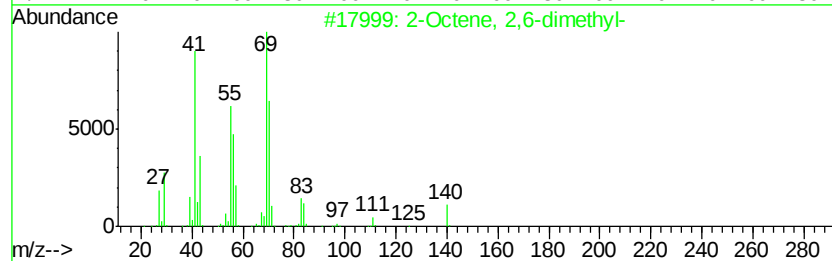
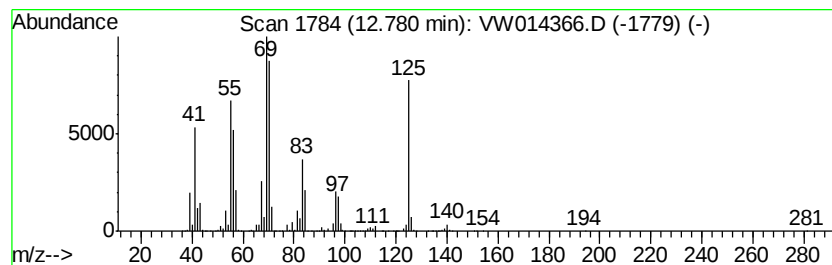
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Cyclic12.78 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	124.35 ug/L	4891490	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
3		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46
4		Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	43
5		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

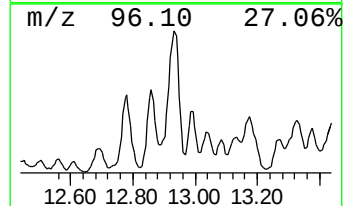
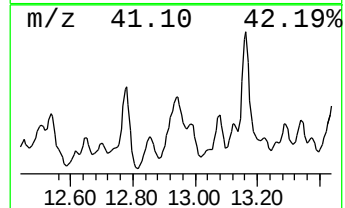
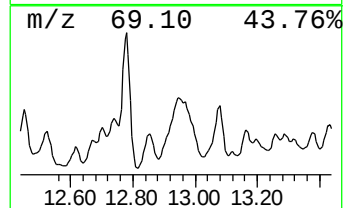
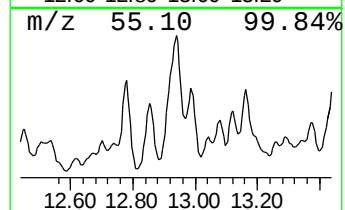
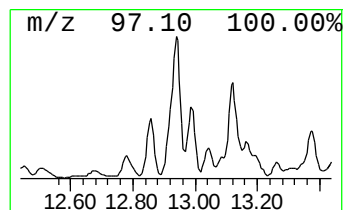
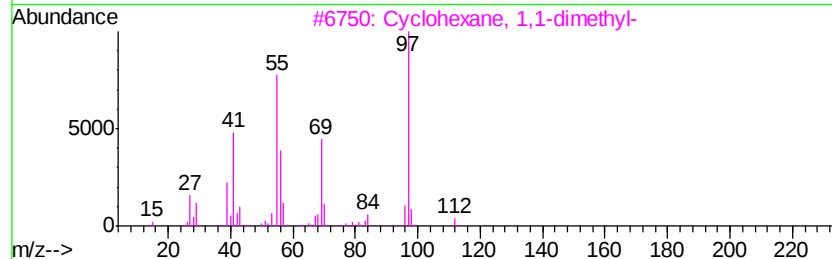
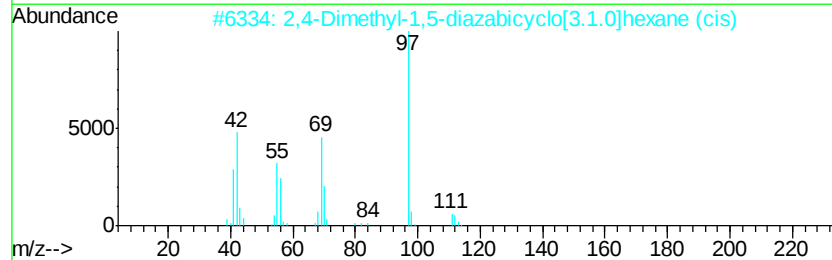
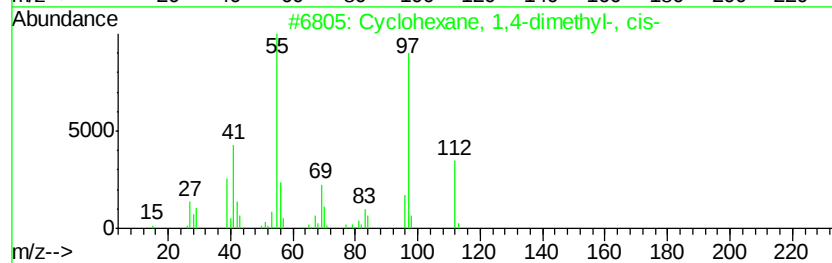
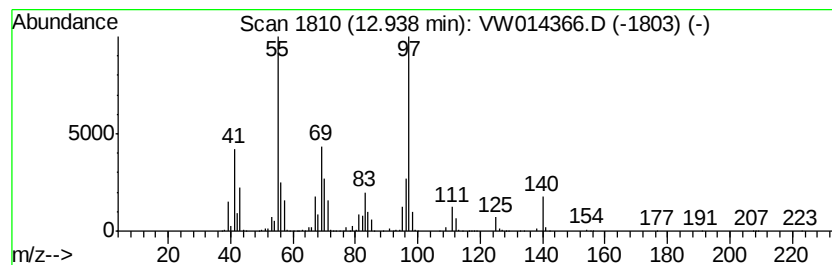
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Cyclic12.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	134.36 ug/L	5285180	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	72
2		2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	58
3		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	55
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	52
5		2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	1000283-20-9	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

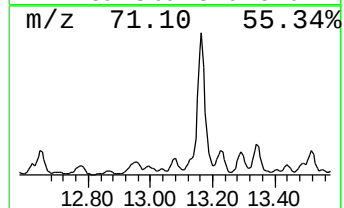
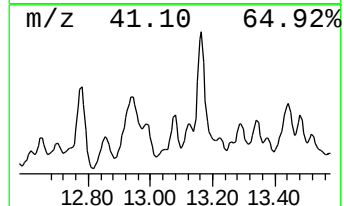
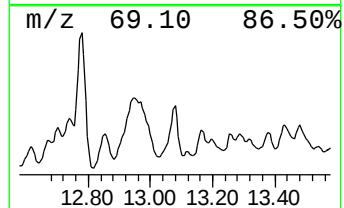
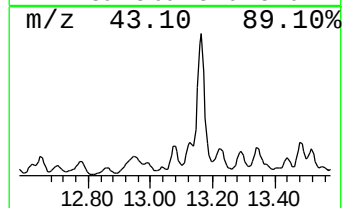
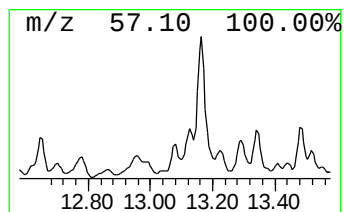
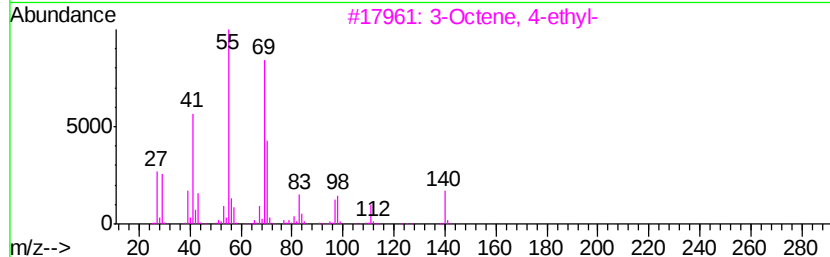
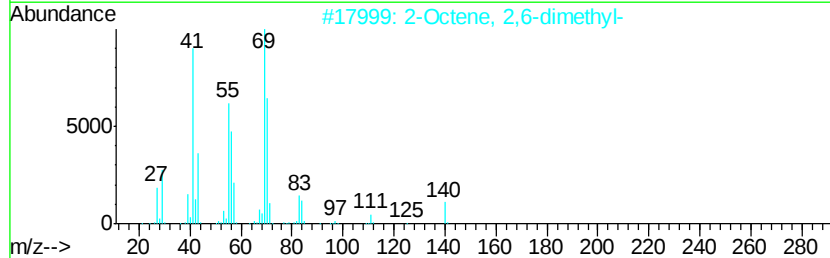
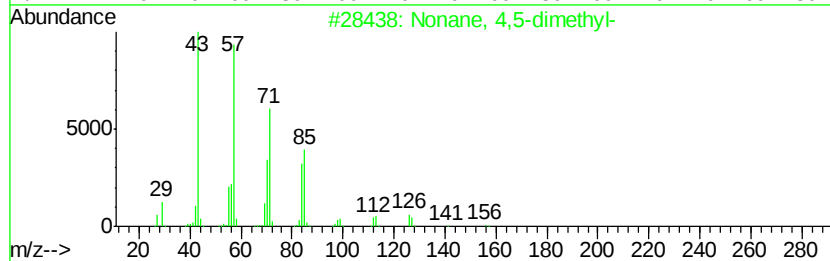
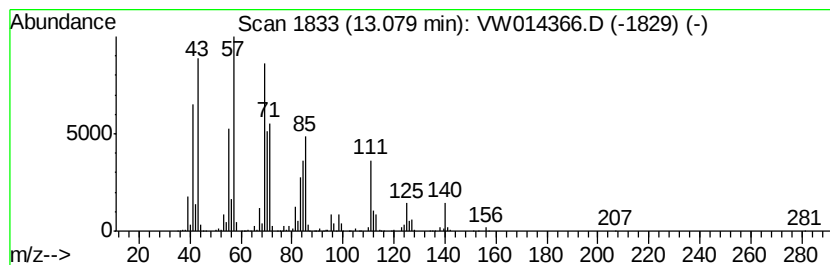
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	37.96 ug/L	1493220	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	46
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
3		3-Octene, 4-ethyl-	140	C10H20	053966-51-1	43
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	41
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

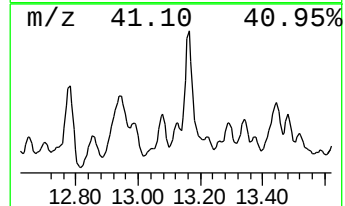
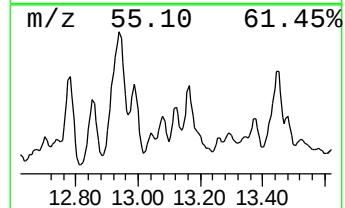
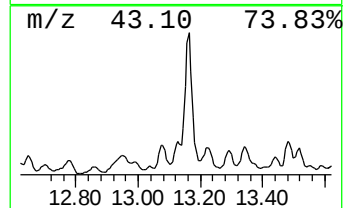
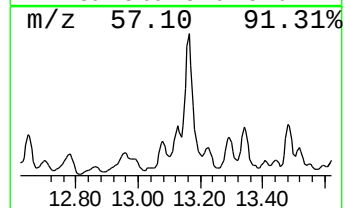
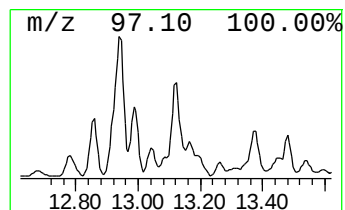
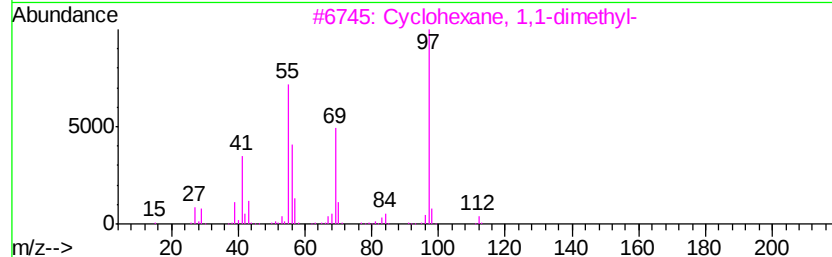
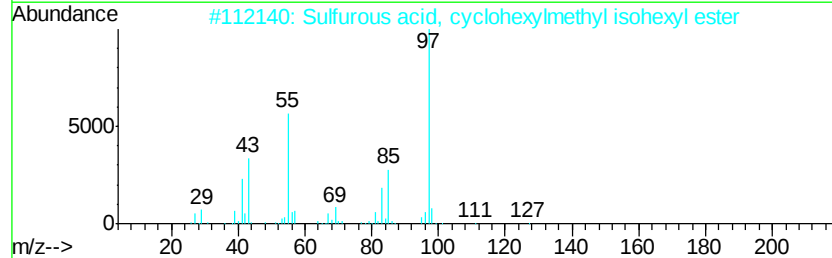
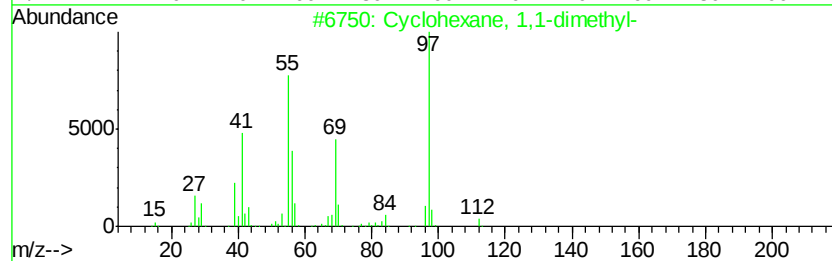
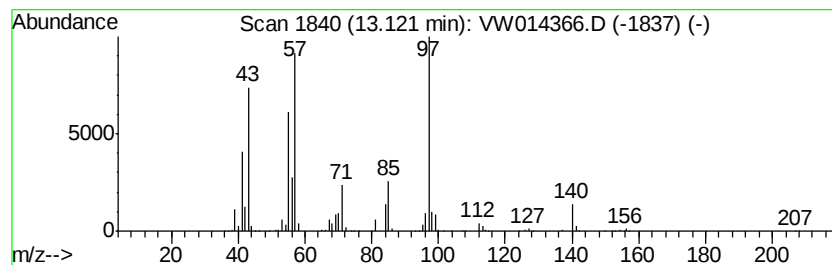
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Cyclic13.12 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	28.98 ug/L	1139820	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
2		Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	50
3		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
4		Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	47
5		1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

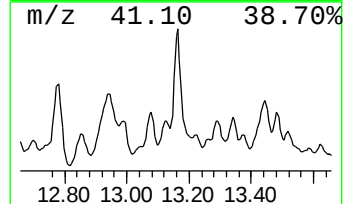
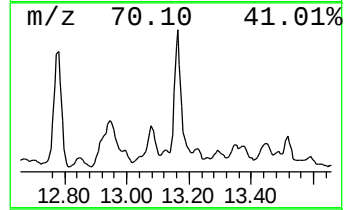
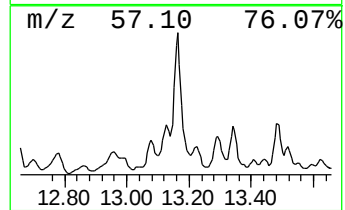
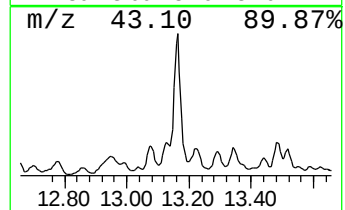
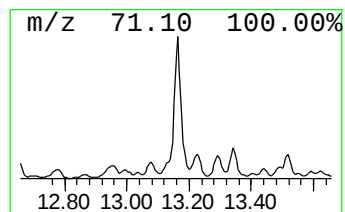
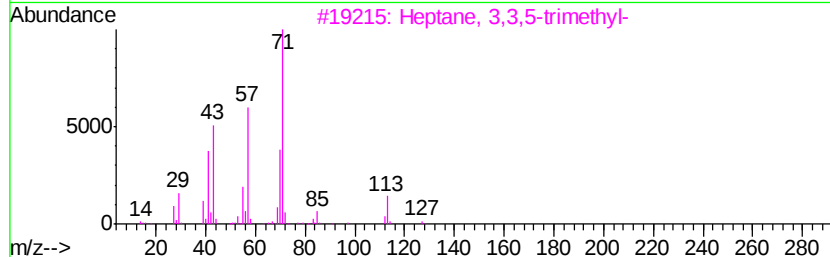
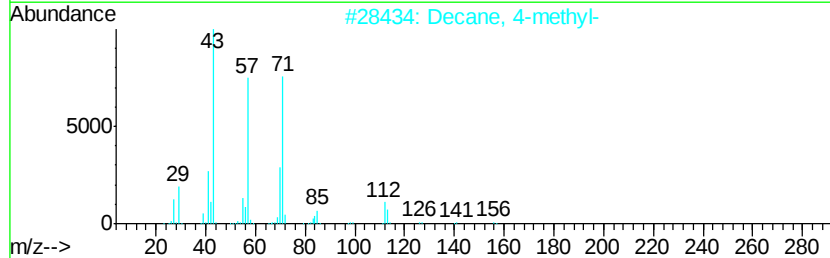
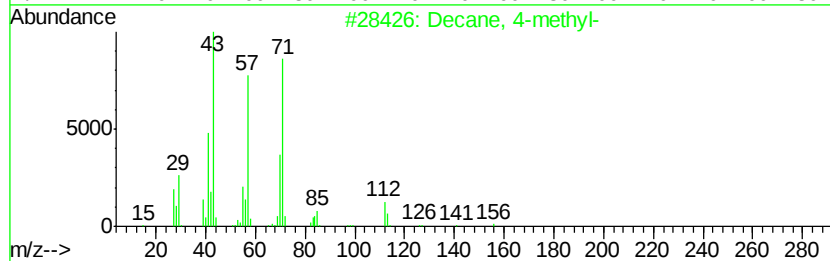
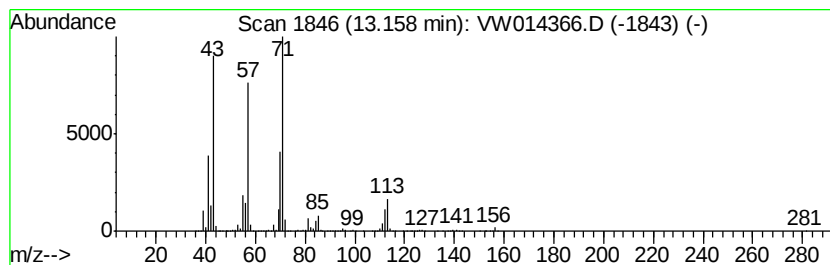
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	135.62 ug/L	5335050	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2		Decane, 4-methyl-	156	C11H24	002847-72-5	83
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
5		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

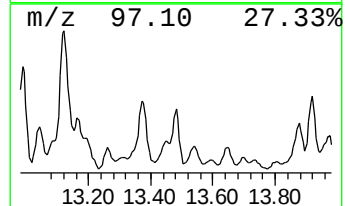
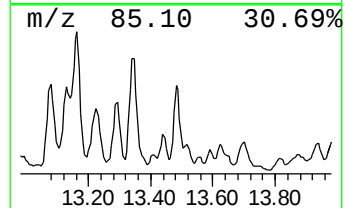
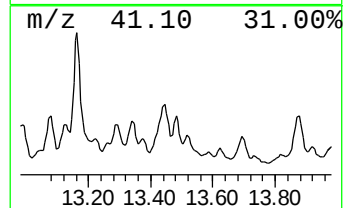
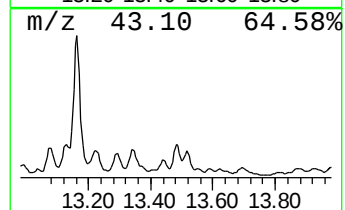
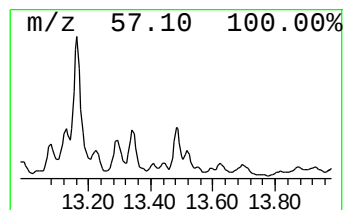
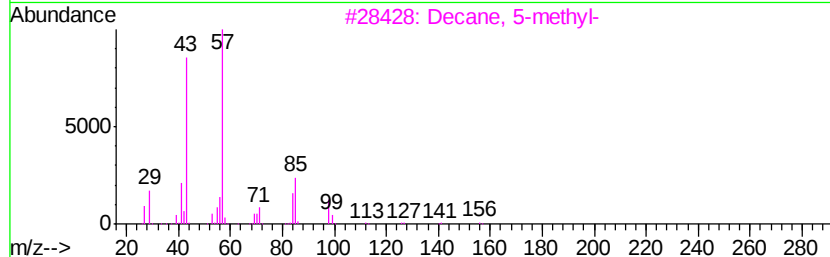
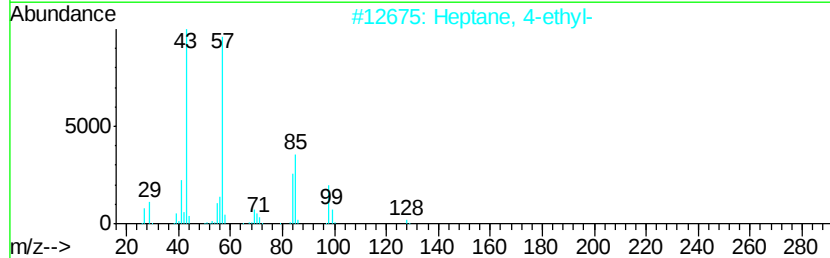
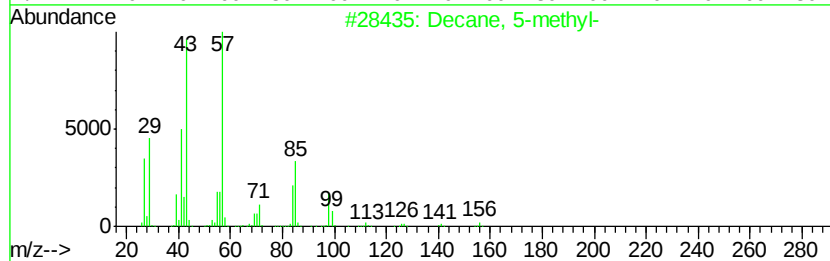
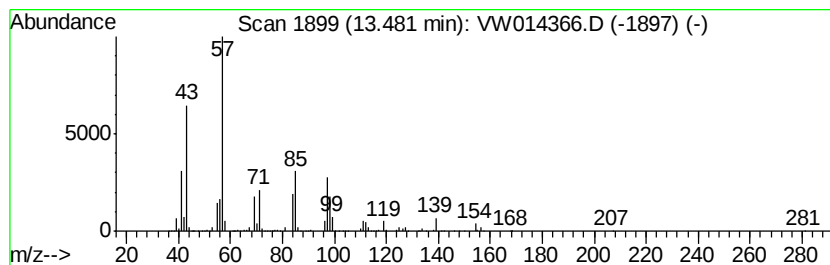
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	25.00 ug/L	983427	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	53
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
3		Decane, 5-methyl-	156	C11H24	013151-35-4	43
4		Tetradecane, 5-methyl-	212	C15H32	025117-32-2	43
5		Heptane, 4-ethyl-	128	C9H20	002216-32-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

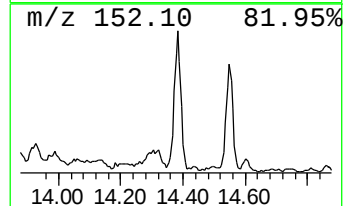
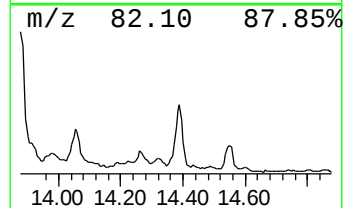
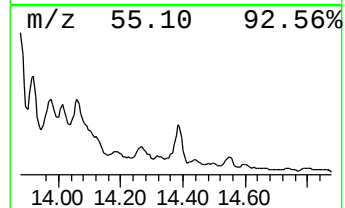
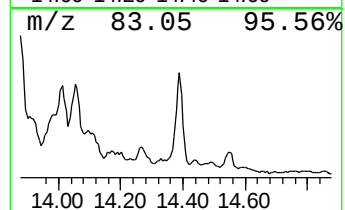
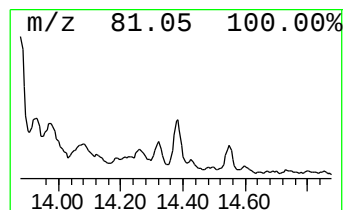
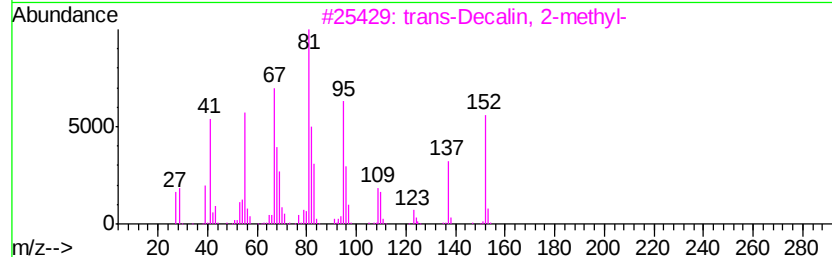
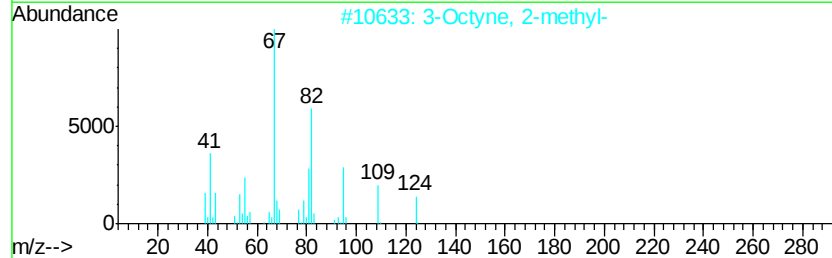
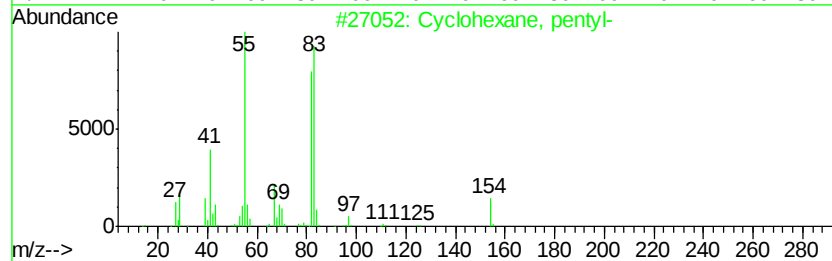
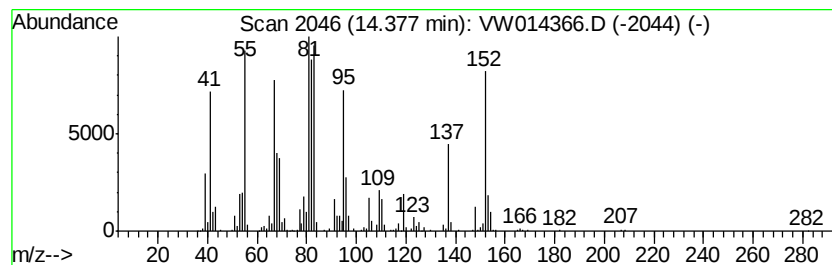
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Cyclic14.38 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	12.71 ug/L	500146	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
2		3-Octyne, 2-methyl-	124	C9H16	055402-15-8	38
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	38
4		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	38
5		Diisopropylaminoacrylonitril	152	C9H16N2	038691-28-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

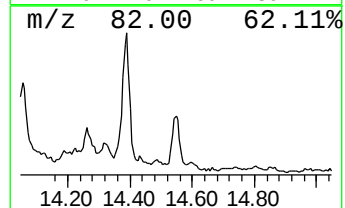
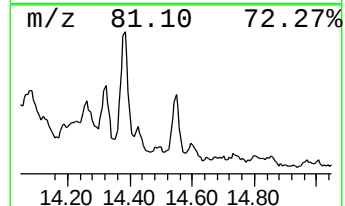
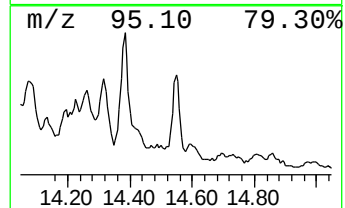
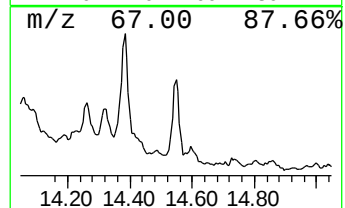
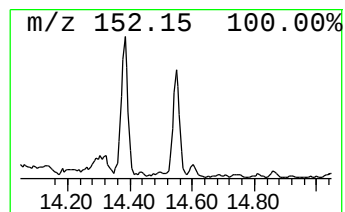
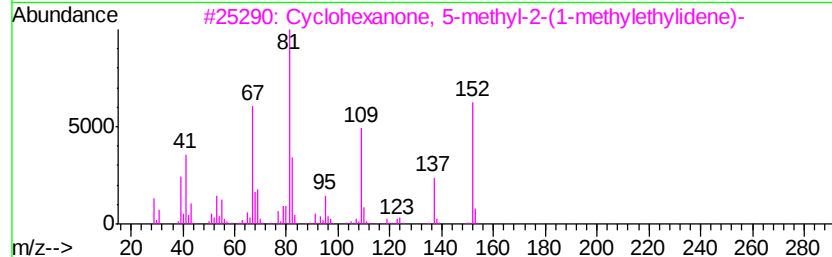
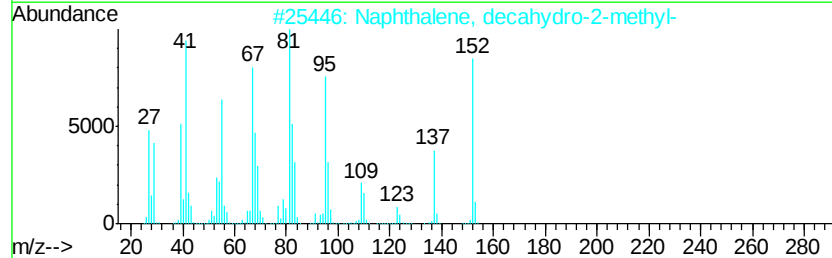
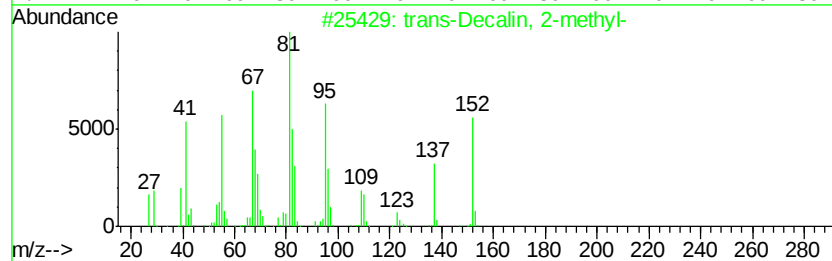
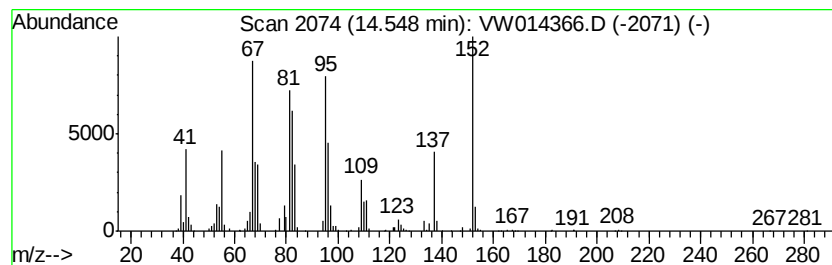
Instrument :
MSVOA_W
ClientSampleId :
ETK82RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 28 trans-Decalin, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.55	8.85 ug/L	348008	1,4-Dichlorobenzene-d4	13.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	62
4	Pulegone	152	C10H16O	000089-82-7	58
5	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121619\
 Data File : VW014366.D
 Acq On : 16 Dec 2019 13:59
 Operator : SY/VA
 Sample : K6270-04RE
 Misc : 5.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK82RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.16	1.3	ug/L	12979	1	8.84	258904	25.0
(DEL) Alkane: Str...	5.94	1.7	ug/L	17628	1	8.84	258904	25.0
(DEL) Alkane: Str...	8.70	1.6	ug/L	16859	1	8.84	258904	25.0
(DEL) Alkane: Cyc...	9.07	2.1	ug/L	22129	1	8.84	258904	25.0
(DEL) Alkane: Str...	10.50	1.4	ug/L	17896	2	11.63	324104	25.0
(DEL) Alkane: Str...	11.04	1.8	ug/L	22879	2	11.63	324104	25.0
(DEL) Alkane: Cyc...	11.11	2.3	ug/L	29333	2	11.63	324104	25.0
(DEL) Alkane: Cyc...	11.23	16.5	ug/L	214212	2	11.63	324104	25.0
(DEL) Alkane: Cyc...	11.28	1.7	ug/L	22425	2	11.63	324104	25.0
(DEL) Alkane: Str...	11.34	6.9	ug/L	89022	2	11.63	324104	25.0
(DEL) Alkane: Cyc...	11.43	36.3	ug/L	470883	2	11.63	324104	25.0
(DEL) Alkane: Str...	11.51	21.9	ug/L	283458	2	11.63	324104	25.0
(DEL) Alkane: Cyc...	11.98	56.1	ug/L	727672	2	11.63	324104	25.0
(DEL) Alkane: Str...	12.05	37.0	ug/L	479968	2	11.63	324104	25.0
(DEL) Alkane: Str...	12.25	255.2	ug/L	3307780	2	11.63	324104	25.0
(DEL) Alkane: Str...	12.36	591.0	ug/L	7661120	2	11.63	324104	25.0
(DEL) Alkane: Cyc...	12.62	22.5	ug/L	884705	3	13.54	983427	25.0
(DEL) Alkane: Cyc...	12.78	124.3	ug/L	4891490	3	13.54	983427	25.0
(DEL) Alkane: Cyc...	12.86	68.2	ug/L	2680880	3	13.54	983427	25.0
(DEL) Alkane: Cyc...	12.94	134.4	ug/L	5285180	3	13.54	983427	25.0
(DEL) Alkane: Str...	13.08	38.0	ug/L	1493220	3	13.54	983427	25.0
(DEL) Alkane: Cyc...	13.12	29.0	ug/L	1139820	3	13.54	983427	25.0
(DEL) Alkane: Str...	13.16	135.6	ug/L	5335050	3	13.54	983427	25.0
(DEL) Alkane: Str...	13.48	25.0	ug/L	983427	3	13.54	983427	25.0
(DEL) Alkane: Cyc...	14.38	12.7	ug/L	500146	3	13.54	983427	25.0
trans-Decalin, 2-...	14.55	8.8	ug/L	348008	3	13.54	983427	25.0