

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081419\
 Data File : VW011913.D
 Acq On : 14 Aug 2019 12:02
 Operator : SY/VA
 Sample : K4215-23
 Misc : 3.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC7

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\SOM2WLM073019S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	4	9	11	rBV3	5583	9846	0.77%	0.078%
2	1.983	11	13	23	rVB	8257	16180	1.27%	0.128%
3	2.160	32	42	48	rBV4	19334	41499	3.26%	0.328%
4	2.349	67	73	81	rBV	81682	135326	10.64%	1.069%
5	2.495	93	97	102	rVB	3727	6172	0.49%	0.049%
6	2.891	153	162	174	rVV	54108	136087	10.70%	1.075%
7	3.025	179	184	187	rVV7	2382	4889	0.38%	0.039%
8	3.391	239	244	253	rVB7	1105	3171	0.25%	0.025%
9	3.531	261	267	273	rBV5	1721	3914	0.31%	0.031%
10	3.678	285	291	306	rVB	5200	13094	1.03%	0.103%
11	3.849	311	319	327	rBV7	4671	14454	1.14%	0.114%
12	4.013	336	346	358	rVV	136457	418548	32.90%	3.307%
13	4.117	358	363	377	rVB	24664	72939	5.73%	0.576%
14	4.385	397	407	421	rVB2	5453	17564	1.38%	0.139%
15	4.915	483	494	511	rBV	20270	70316	5.53%	0.556%
16	5.787	629	637	644	rVV6	3356	9694	0.76%	0.077%
17	5.940	650	662	675	rVB3	11423	33794	2.66%	0.267%
18	7.080	840	849	857	rVV	47272	136621	10.74%	1.079%
19	7.171	860	864	878	rVV	10715	29551	2.32%	0.233%
20	7.653	932	943	955	rBV	210531	521375	40.98%	4.119%
21	8.275	1031	1045	1062	rBV2	437079	1272261	100.00%	10.051%
22	8.573	1087	1094	1101	rVB7	3599	9020	0.71%	0.071%
23	8.695	1108	1114	1120	rVB7	2130	5823	0.46%	0.046%
24	8.842	1126	1138	1152	rBV	505007	987832	77.64%	7.804%
25	9.073	1171	1176	1185	rVB9	2529	5869	0.46%	0.046%
26	9.274	1199	1209	1228	rBV	308490	642968	50.54%	5.080%
27	9.610	1256	1264	1269	rBV8	2649	6089	0.48%	0.048%
28	9.658	1269	1272	1281	rVB6	2541	5504	0.43%	0.043%
29	9.750	1281	1287	1293	rBV5	4436	9595	0.75%	0.076%
30	10.036	1326	1334	1342	rBV	154387	277141	21.78%	2.190%
31	10.128	1347	1349	1356	rVB6	2032	3368	0.26%	0.027%
32	10.323	1371	1381	1389	rBV	555194	977409	76.82%	7.722%
33	10.384	1389	1391	1397	rVB2	5456	9230	0.73%	0.073%
34	10.506	1407	1411	1416	rVB7	1967	3230	0.25%	0.026%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Title : VOC Analysis

35	10.579	1416	1423	1434	rBV	97439	170481	13.40%	1.347%
36	10.707	1439	1444	1449	rVB2	14225	24875	1.96%	0.197%
37	10.780	1449	1456	1457	rBV5	1854	3177	0.25%	0.025%
38	10.927	1473	1480	1489	rBV	168765	296281	23.29%	2.341%
39	11.073	1499	1504	1509	rVB6	4244	7252	0.57%	0.057%
40	11.231	1525	1530	1535	rBV6	2560	4747	0.37%	0.038%
41	11.286	1535	1539	1542	rBV6	1711	3062	0.24%	0.024%
42	11.432	1560	1563	1571	rVB6	3795	7085	0.56%	0.056%
43	11.518	1573	1577	1579	rBV5	2353	3793	0.30%	0.030%
44	11.634	1588	1596	1607	rBV	608971	1058713	83.22%	8.364%
45	11.731	1609	1612	1616	rVV3	3219	4263	0.34%	0.034%
46	11.762	1616	1617	1621	rVB4	2953	2506	0.20%	0.020%
47	11.835	1621	1629	1646	rVB9	13162	48958	3.85%	0.387%
48	11.969	1646	1651	1655	rBV7	1728	3203	0.25%	0.025%
49	12.140	1670	1679	1683	rBV6	11518	32956	2.59%	0.260%
50	12.249	1692	1697	1702	rVB2	11087	19479	1.53%	0.154%
51	12.304	1702	1706	1707	rBV2	5215	6746	0.53%	0.053%
52	12.365	1707	1716	1722	rVV3	51397	114521	9.00%	0.905%
53	12.420	1722	1725	1728	rVV5	2730	4859	0.38%	0.038%
54	12.463	1728	1732	1737	rVB4	8105	15322	1.20%	0.121%
55	12.566	1747	1749	1752	rVB3	3002	2778	0.22%	0.022%
56	12.609	1752	1756	1761	rVB	16793	28402	2.23%	0.224%
57	12.694	1761	1770	1777	rBV	220830	394938	31.04%	3.120%
58	12.780	1780	1784	1791	rVB5	23931	46535	3.66%	0.368%
59	12.865	1791	1798	1801	rBV5	16119	35347	2.78%	0.279%
60	12.920	1801	1807	1821	rVV6	99488	324537	25.51%	2.564%
61	13.048	1821	1828	1837	rVV	433710	753542	59.23%	5.953%
62	13.127	1837	1841	1844	rVV6	7877	11000	0.86%	0.087%
63	13.170	1844	1848	1857	rVB4	17576	36762	2.89%	0.290%
64	13.255	1857	1862	1865	rBV2	10688	17653	1.39%	0.139%
65	13.298	1866	1869	1873	rVB4	7418	10255	0.81%	0.081%
66	13.383	1879	1883	1887	rBV5	8479	14105	1.11%	0.111%
67	13.438	1890	1892	1896	rVV4	9691	14431	1.13%	0.114%
68	13.487	1896	1900	1904	rVV5	8128	13430	1.06%	0.106%
69	13.560	1905	1912	1920	rVV	493972	801393	62.99%	6.331%
70	13.621	1920	1922	1924	rVB3	3402	2581	0.20%	0.020%
71	13.694	1930	1934	1939	rBV6	4360	7651	0.60%	0.060%

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72	13.755	1941	1944	1946	rVB4	4316	4816	0.38%	0.038%
73	13.853	1953	1960	1970	rBV	385371	684362	53.79%	5.407%
74	13.944	1973	1975	1979	rVB	4858	6727	0.53%	0.053%
75	14.024	1984	1988	1992	rBV4	4799	9127	0.72%	0.072%
76	14.072	1992	1996	1999	rBV2	11558	21050	1.65%	0.166%
77	14.200	2013	2017	2022	rBV5	10219	19280	1.52%	0.152%
78	14.261	2023	2027	2033	rVB7	8422	15767	1.24%	0.125%
79	14.328	2033	2038	2044	rBV9	12720	33762	2.65%	0.267%
80	14.389	2044	2048	2050	rVV3	18023	28006	2.20%	0.221%
81	14.420	2050	2053	2058	rVV3	23777	41260	3.24%	0.326%
82	14.499	2062	2066	2068	rBV4	9269	12305	0.97%	0.097%
83	14.548	2070	2074	2081	rVB8	12019	24599	1.93%	0.194%
84	14.725	2096	2103	2109	rBV	40330	71292	5.60%	0.563%
85	14.798	2110	2115	2118	rBV2	25366	50150	3.94%	0.396%
86	14.840	2118	2122	2130	rVB	55180	99255	7.80%	0.784%
87	14.962	2138	2142	2147	rBV5	7603	13811	1.09%	0.109%
88	15.066	2154	2159	2163	rBV3	25077	37881	2.98%	0.299%
89	15.121	2163	2168	2171	rBV5	10186	20818	1.64%	0.164%
90	15.176	2172	2177	2185	rVV5	25437	66896	5.26%	0.529%
91	15.249	2185	2189	2197	rVB9	26099	52774	4.15%	0.417%
92	15.328	2197	2202	2211	rBV2	157819	271489	21.34%	2.145%
93	15.554	2235	2239	2248	rVB3	56312	118537	9.32%	0.936%
94	15.663	2254	2257	2263	rVB8	17432	30422	2.39%	0.240%
95	15.731	2264	2268	2274	rBV	45585	77810	6.12%	0.615%
96	16.163	2333	2339	2345	rBV7	23334	64939	5.10%	0.513%
97	16.285	2354	2359	2366	rVB	157795	281413	22.12%	2.223%
98	16.493	2389	2393	2398	rBV3	44599	79500	6.25%	0.628%
99	16.541	2398	2401	2407	rVB4	28442	50169	3.94%	0.396%
100	16.633	2409	2416	2420	rBV7	37480	111396	8.76%	0.880%

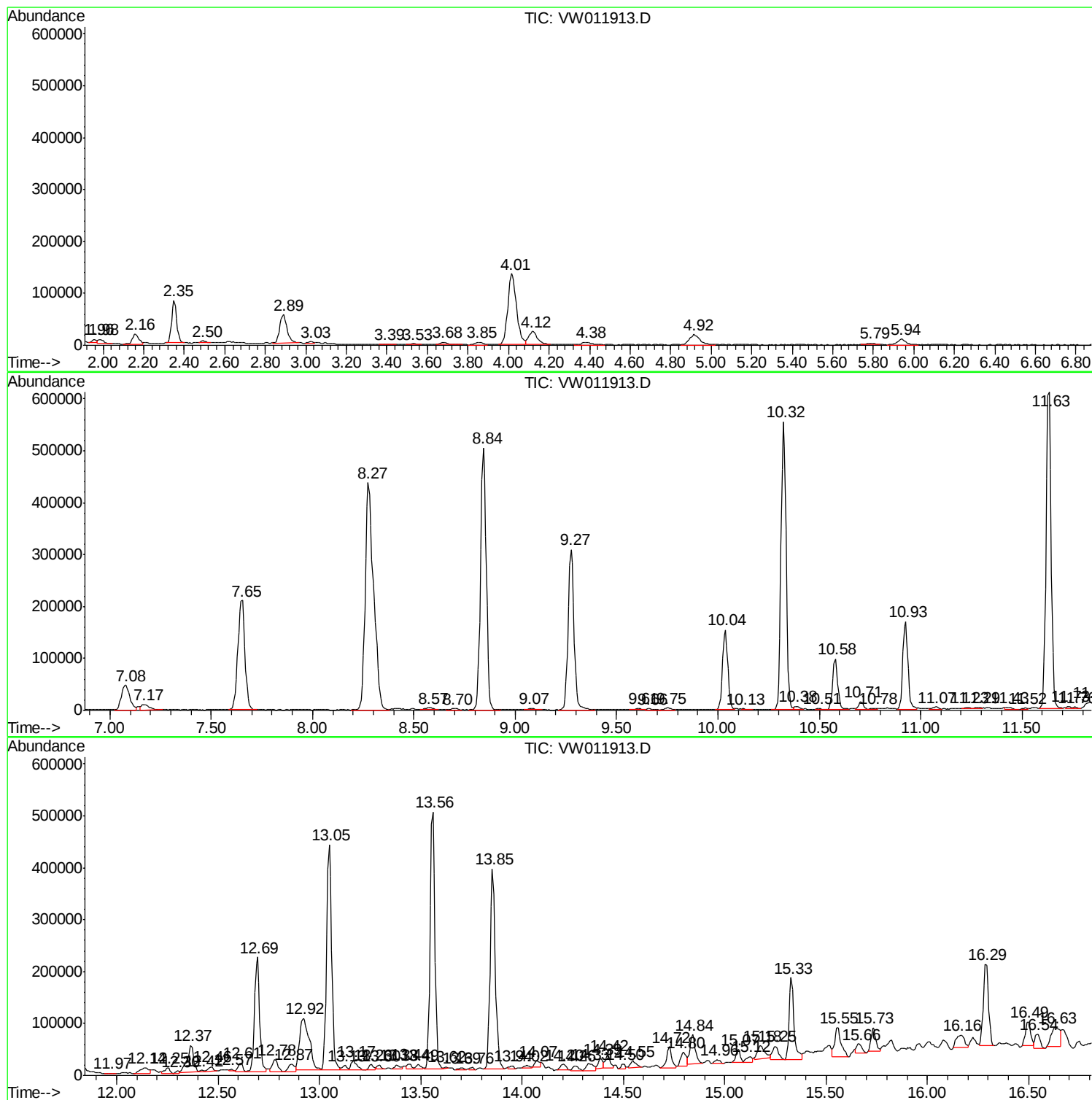
Sum of corrected areas: 12657605

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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



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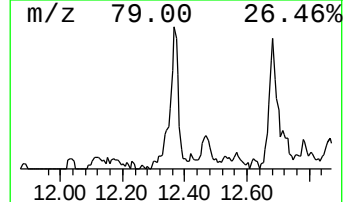
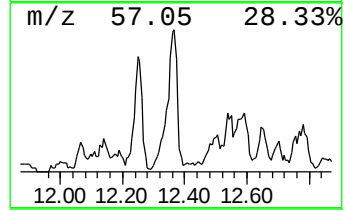
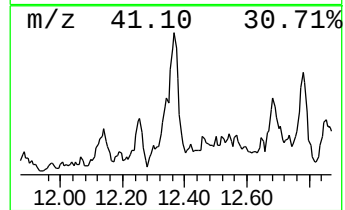
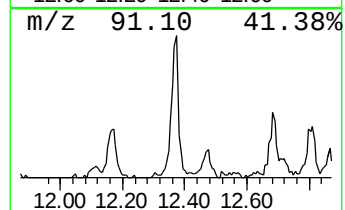
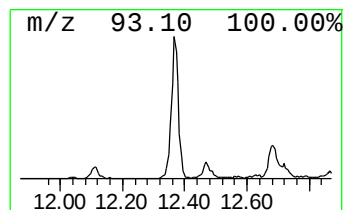
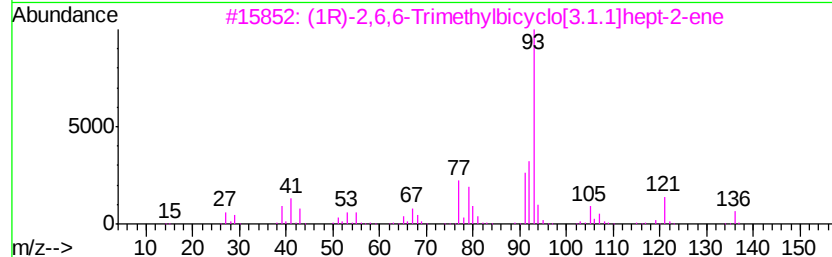
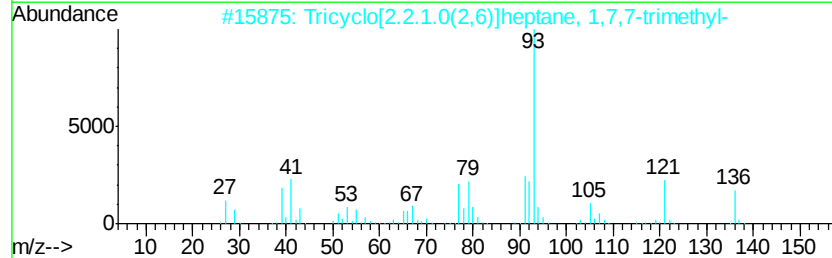
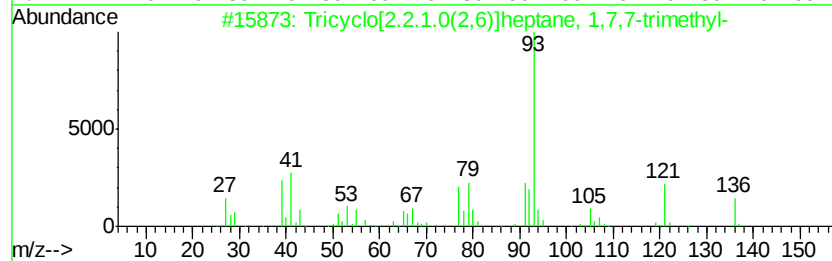
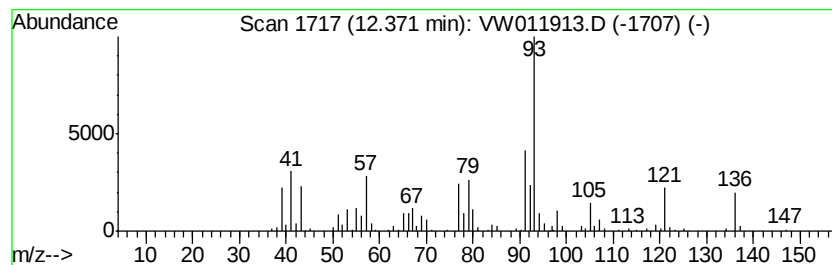
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 2 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.70 ug/L	114521	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	96
2		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	96
3		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	93
5		(+)-3-Carene	136	C10H16	000498-15-7	93



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ClientSampled :
ETOC7

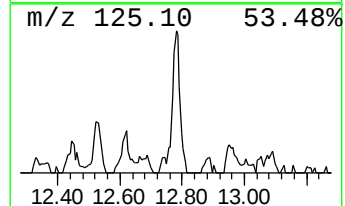
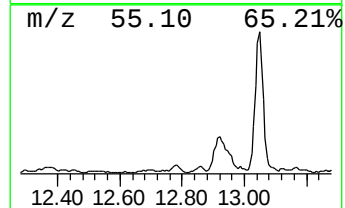
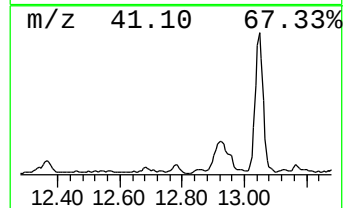
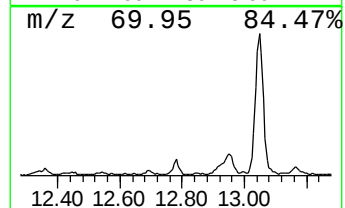
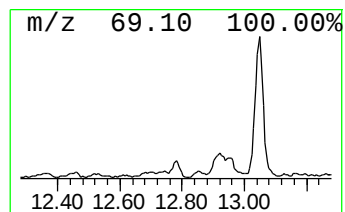
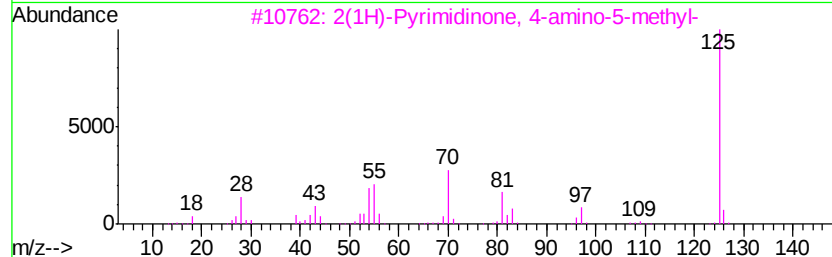
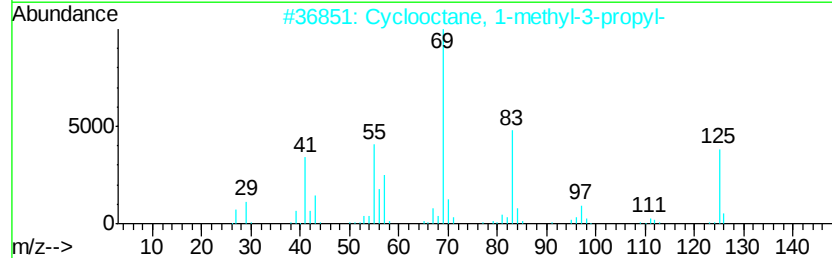
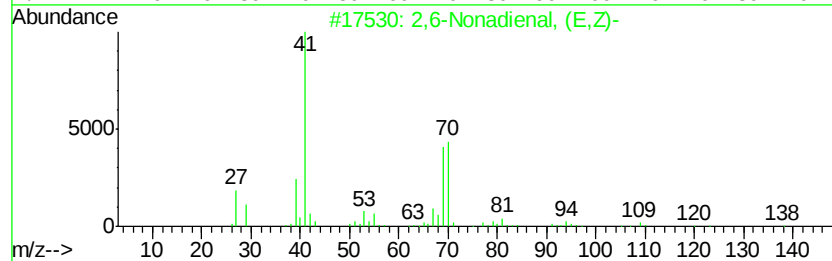
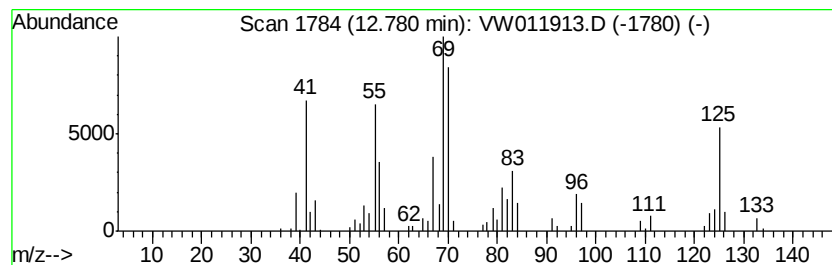
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	1.45 ug/L	46535	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Nonadienal, (E,Z)-	138	C9H14O	000557-48-2	43
2		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	38
3		2(1H)-Pyrimidinone, 4-amino-5-me...	125	C5H7N3O	000554-01-8	35
4		trans-2-Methyl-3-octene	126	C9H18	052937-36-7	27
5		1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	27



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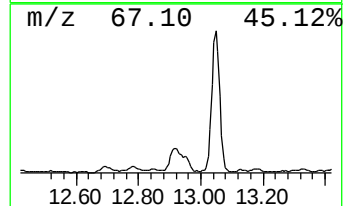
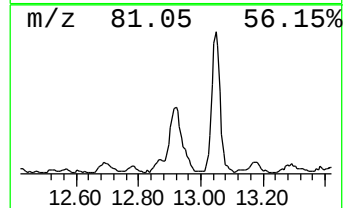
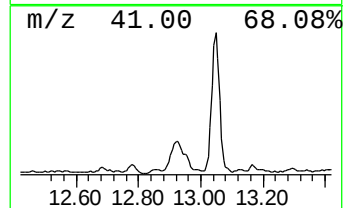
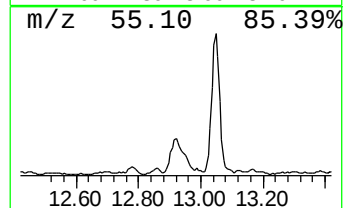
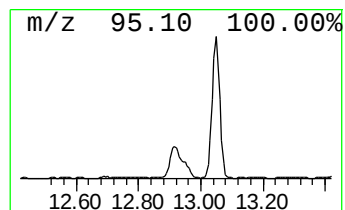
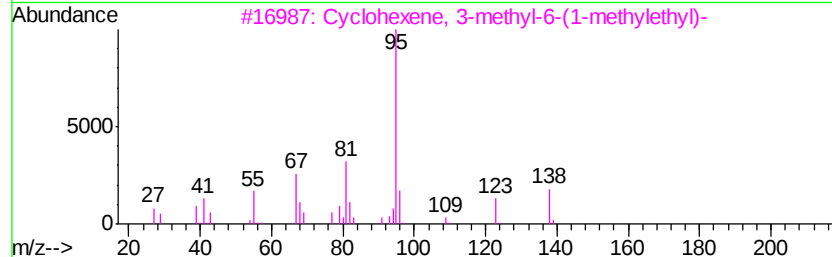
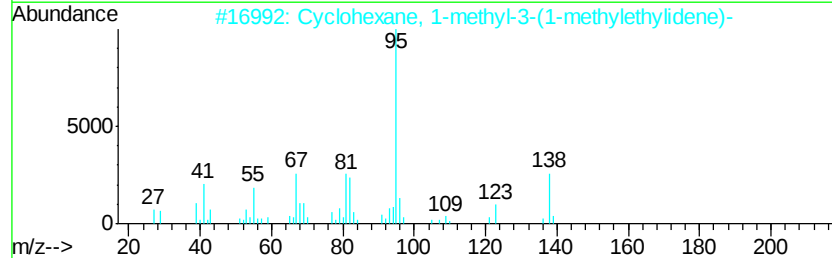
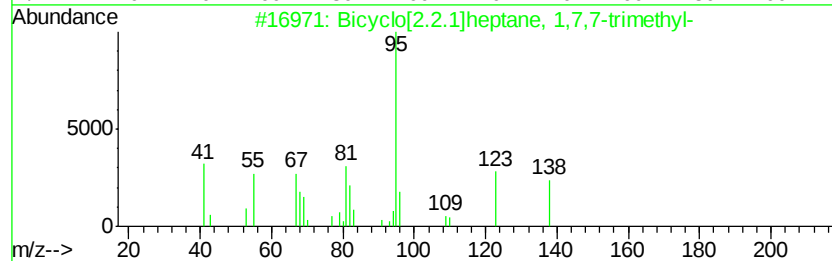
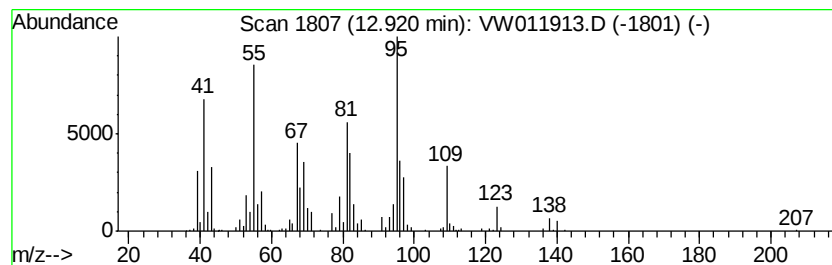
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Quant Title : VOC Analysis

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

Peak Number 4 Bicyclo[2.2.1]heptane, 1,7,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	10.12 ug/L	324537	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Bicyclo[2.2.1]heptane, 1,7,7-tri...	138 C10H18	000464-15-3	70
2	Cyclohexane, 1-methyl-3-(1-methy...	138 C10H18	013828-34-7	64
3	Cyclohexene, 3-methyl-6-(1-methv...	138 C10H18	005256-65-5	64
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	004795-86-2	58
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138 C10H18	018968-23-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC7

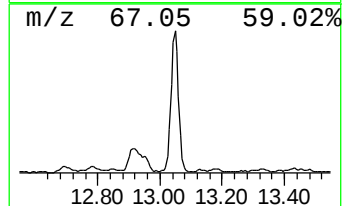
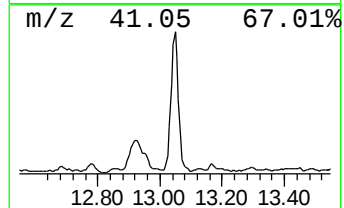
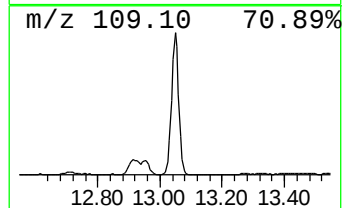
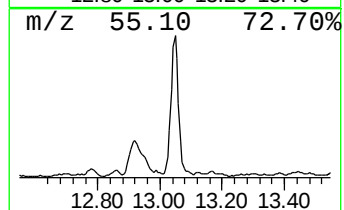
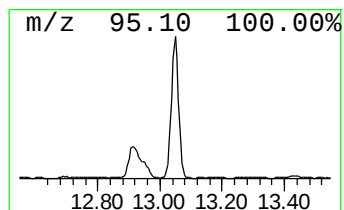
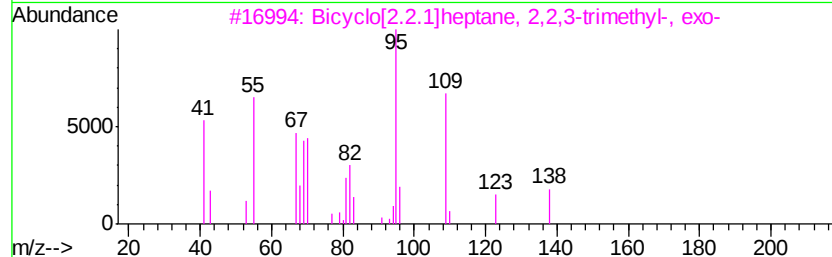
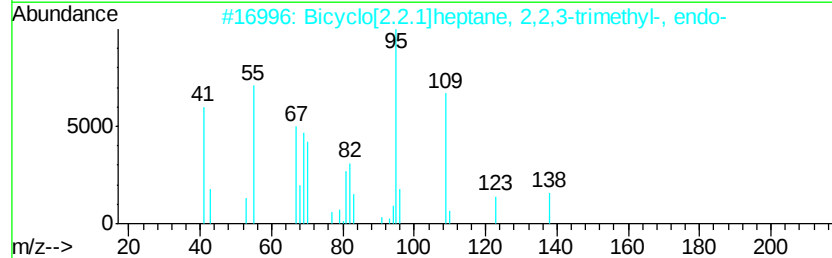
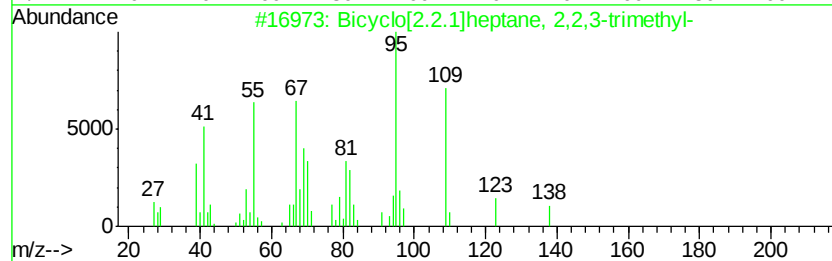
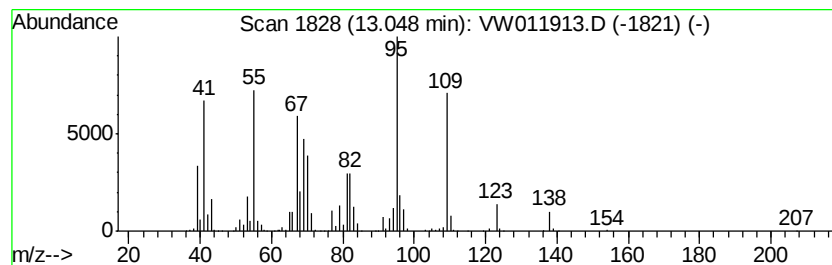
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Quant Title : VOC Analysis

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

Peak Number 5 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	23.51 ug/L	753542	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	98
2		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	96
3		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	76
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	53
5		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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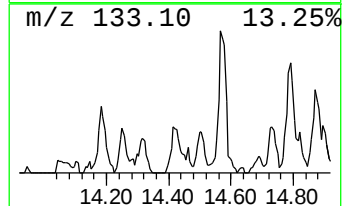
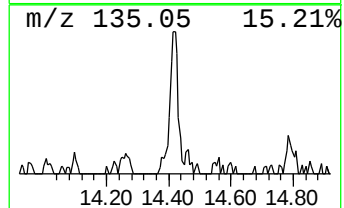
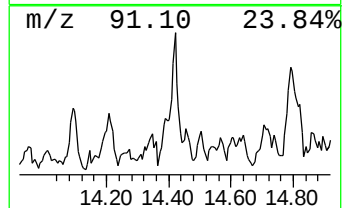
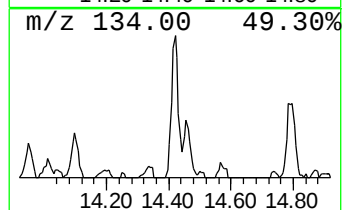
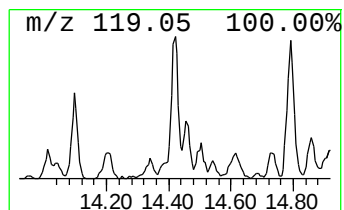
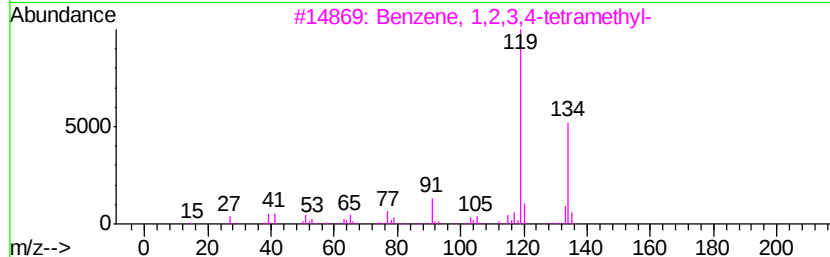
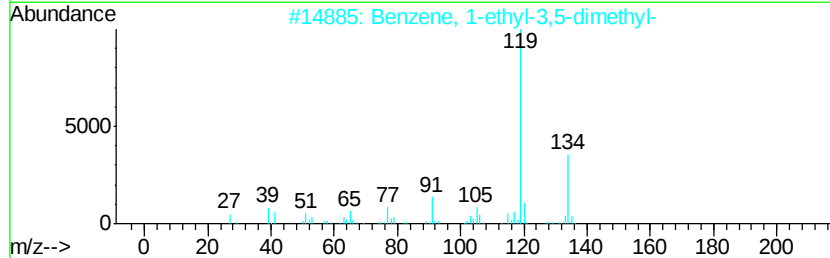
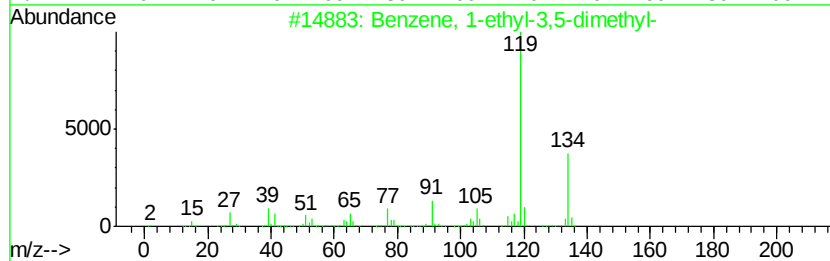
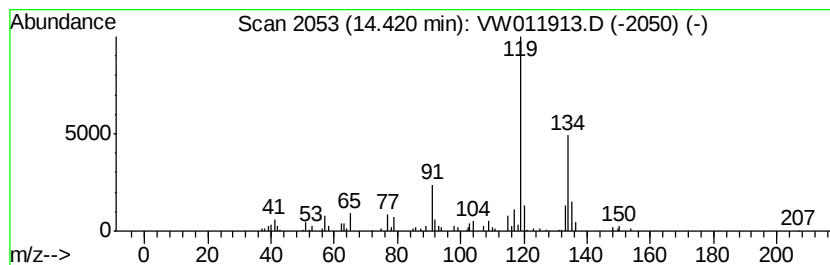
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	1.29 ug/L	41260	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	87
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC7

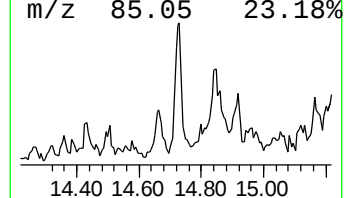
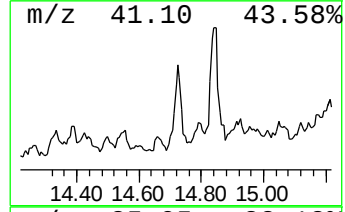
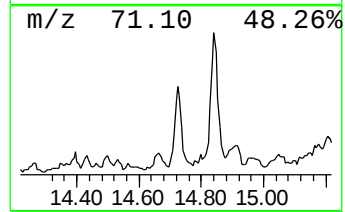
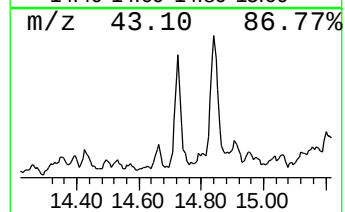
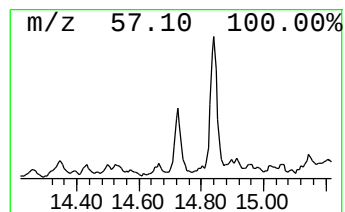
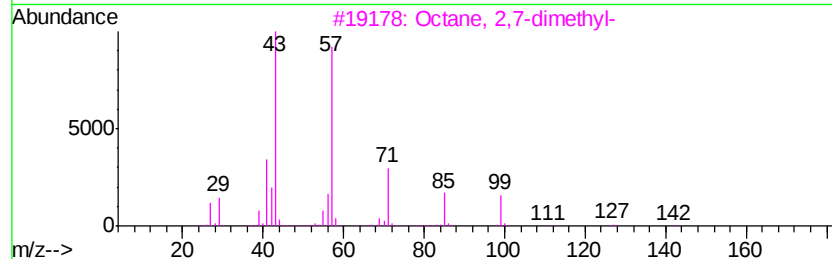
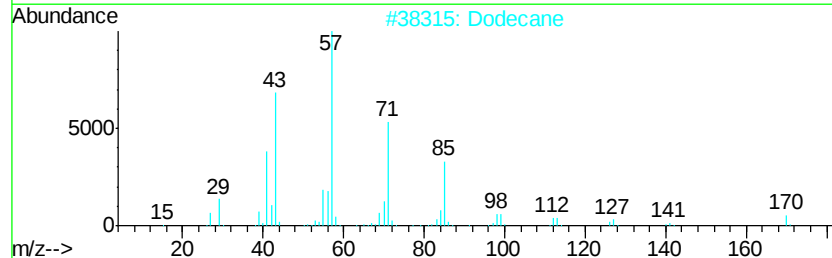
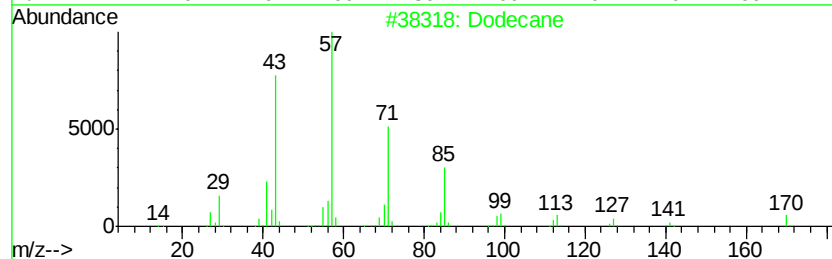
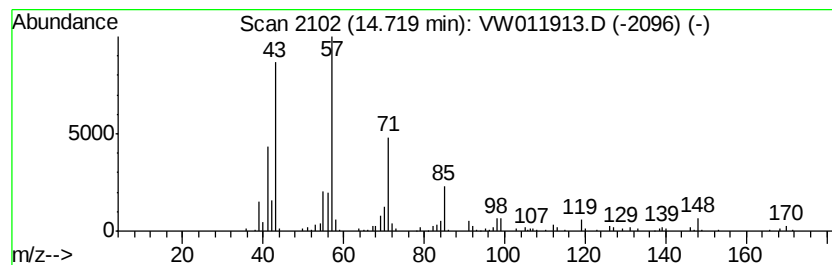
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.22 ug/L	71292	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	70
2		Dodecane	170	C12H26	000112-40-3	68
3		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	59
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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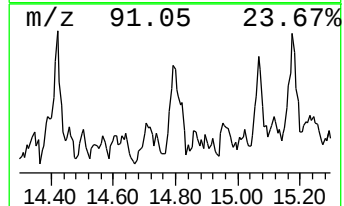
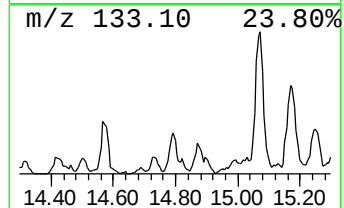
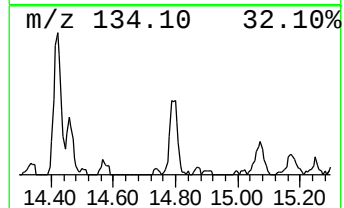
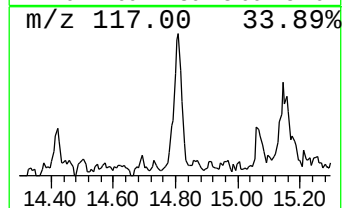
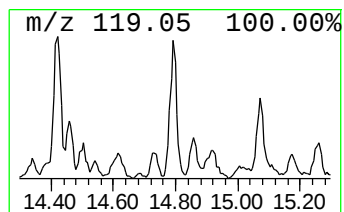
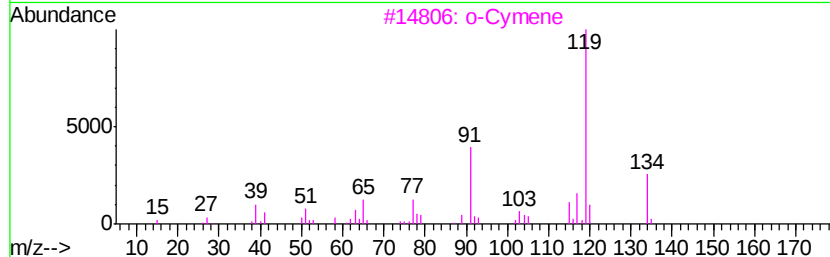
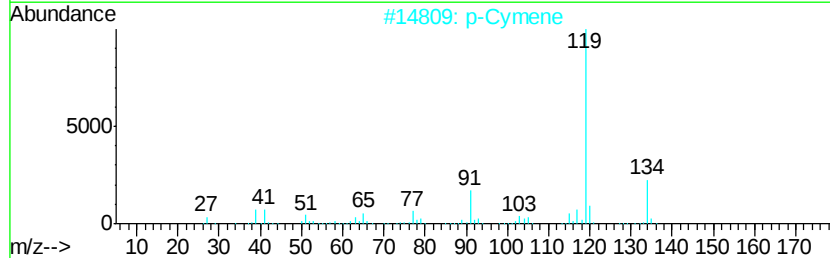
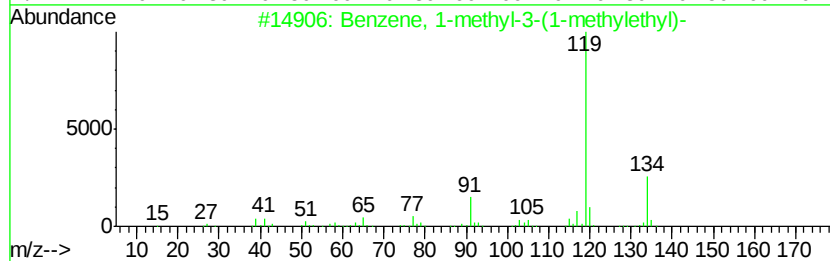
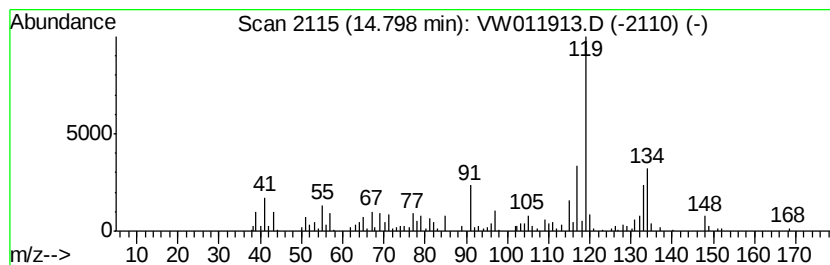
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-methyl-3-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	1.56 ug/L	50150	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
2		p-Cymene	134	C10H14	000099-87-6	64
3		o-Cymene	134	C10H14	000527-84-4	64
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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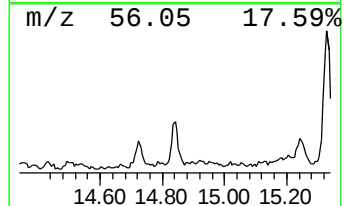
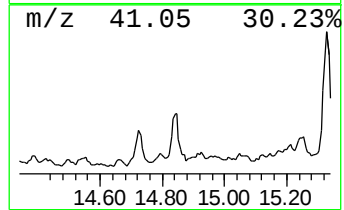
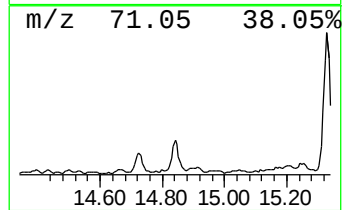
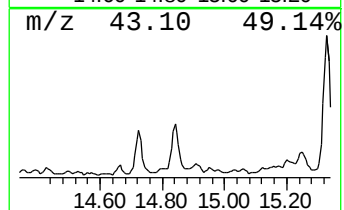
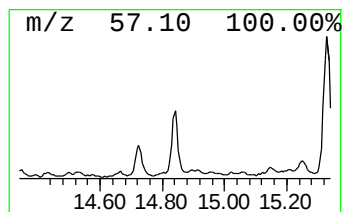
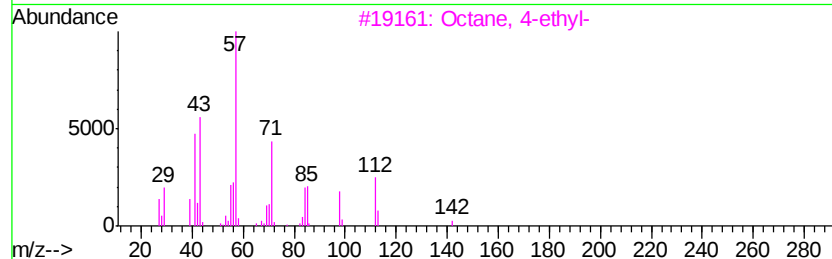
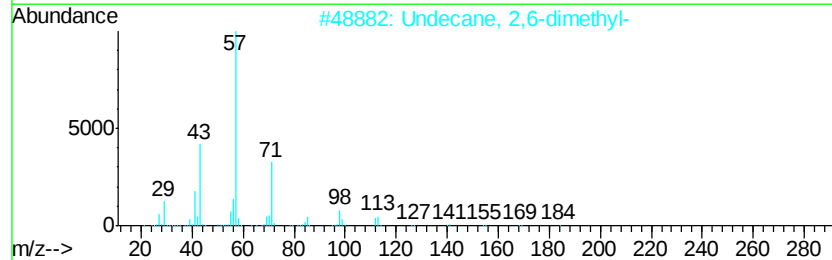
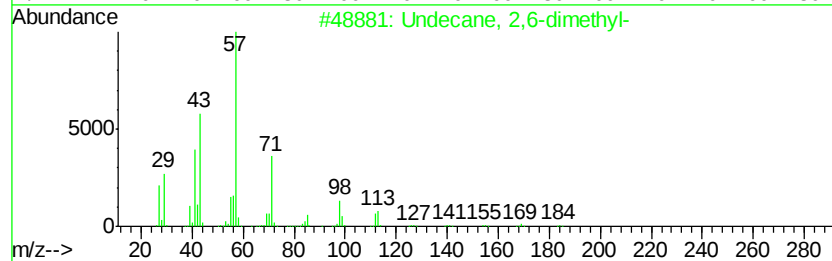
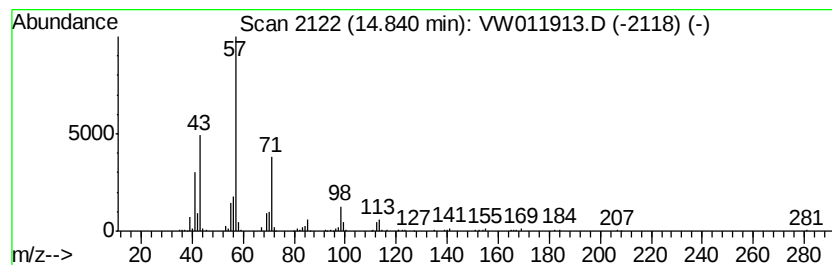
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.10 ug/L	99255	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	78
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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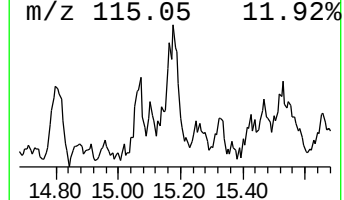
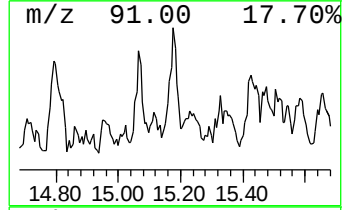
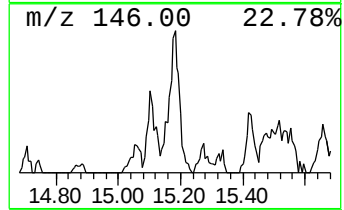
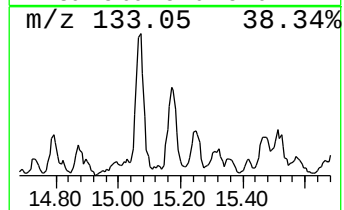
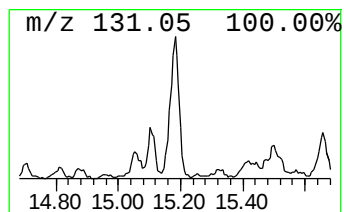
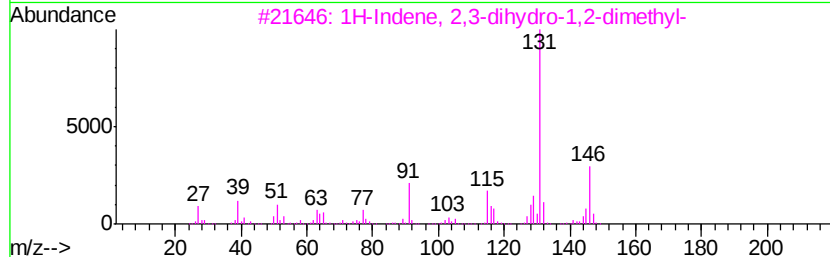
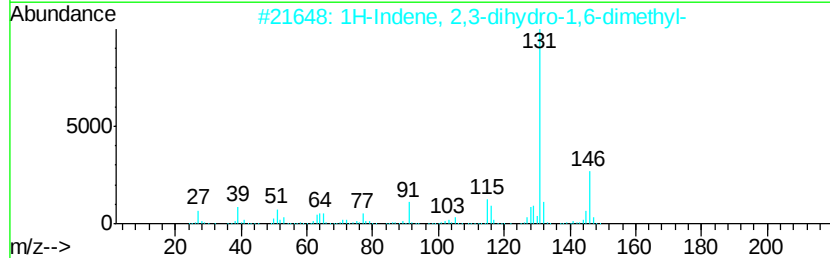
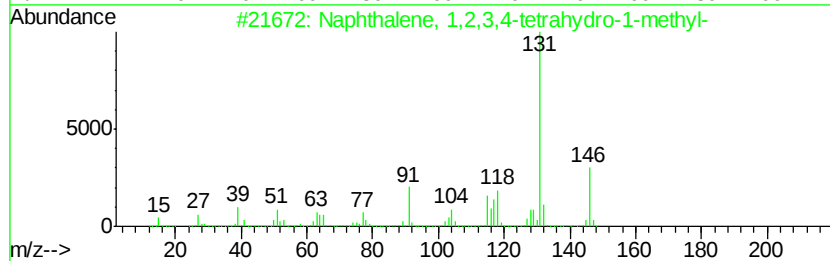
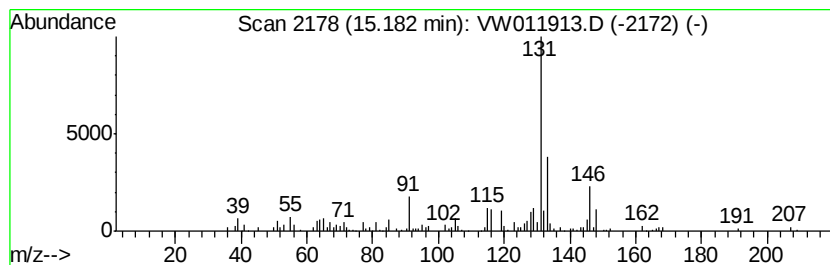
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Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	2.09 ug/L	66896	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	60



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :
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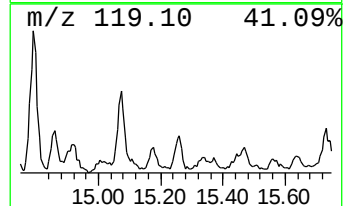
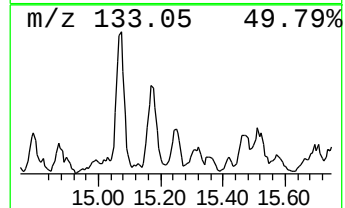
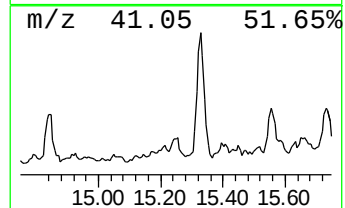
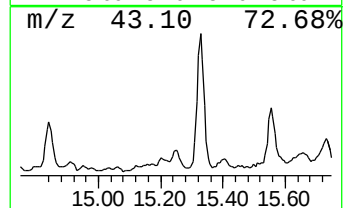
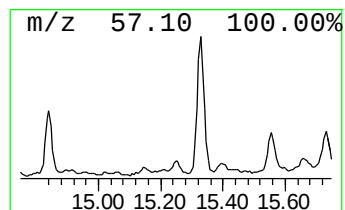
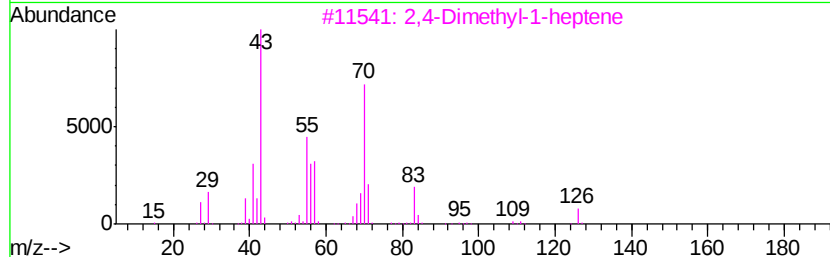
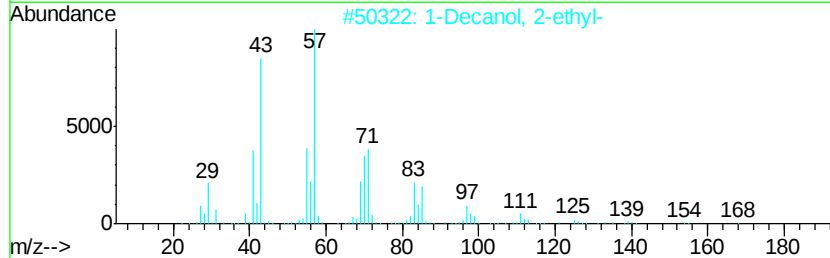
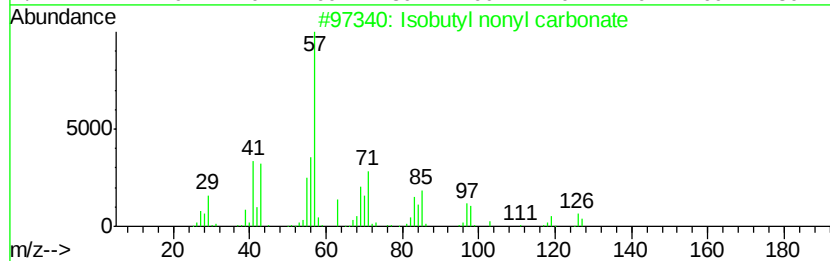
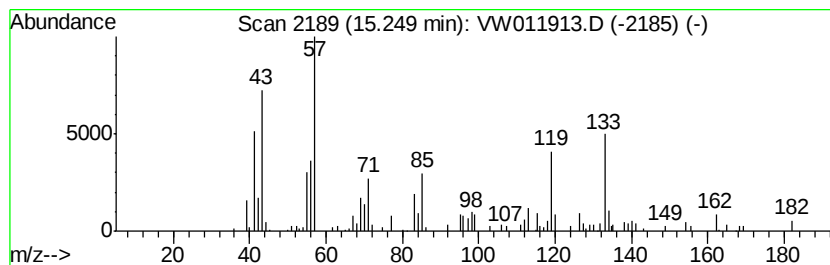
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Quant Title : VOC Analysis

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

Peak Number 11 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	1.65 ug/L	52774	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	38
2			1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	22
3			2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	18
4			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	14
5			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC7

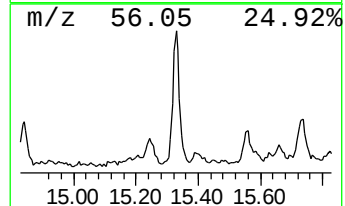
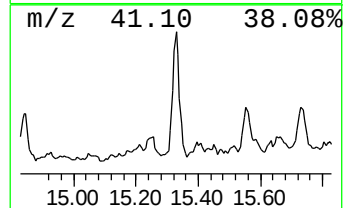
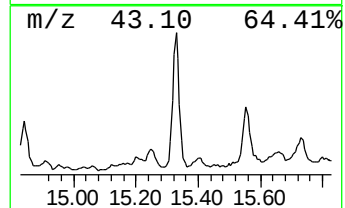
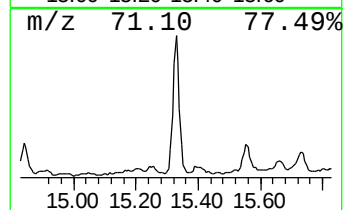
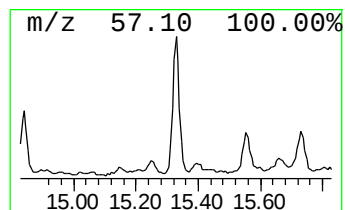
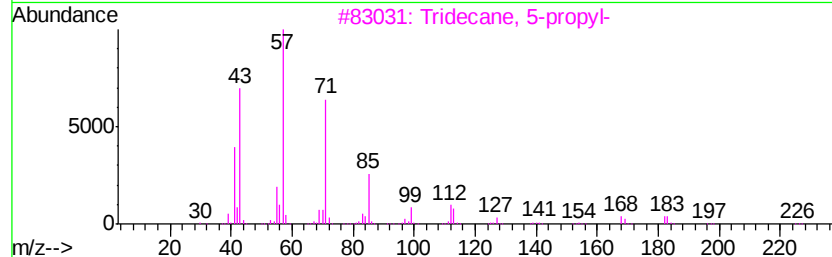
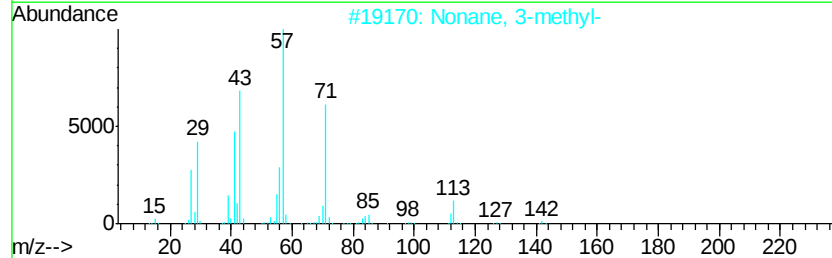
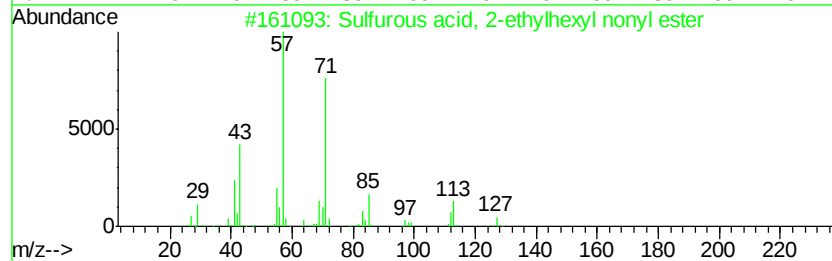
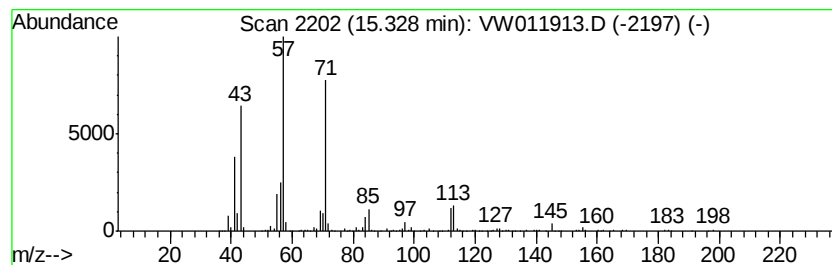
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Quant Title : VOC Analysis

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

Peak Number 12 Sulfurous acid, 2-ethylhexy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	8.47 ug/L	271489	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC7

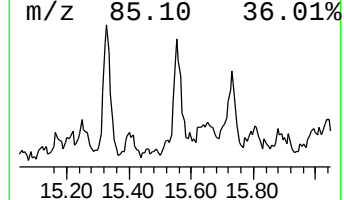
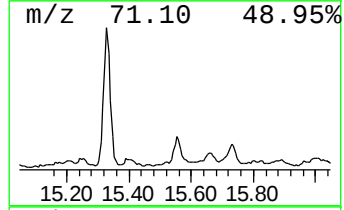
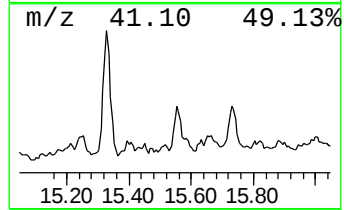
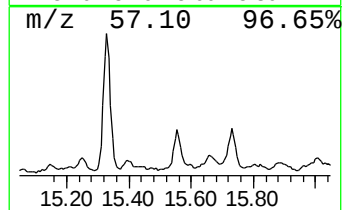
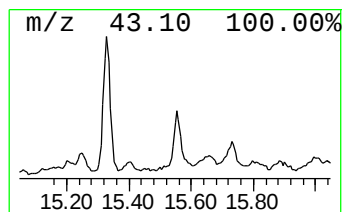
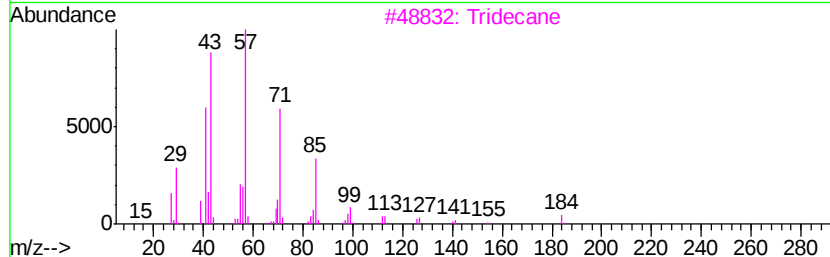
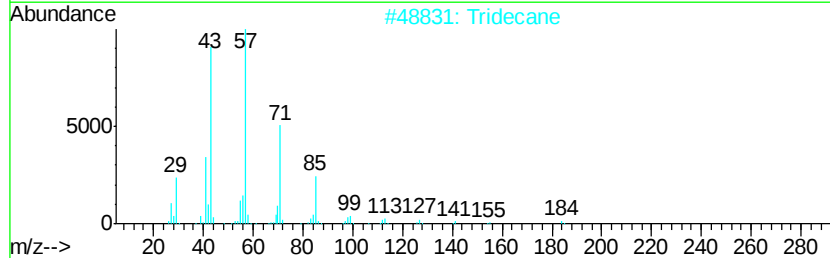
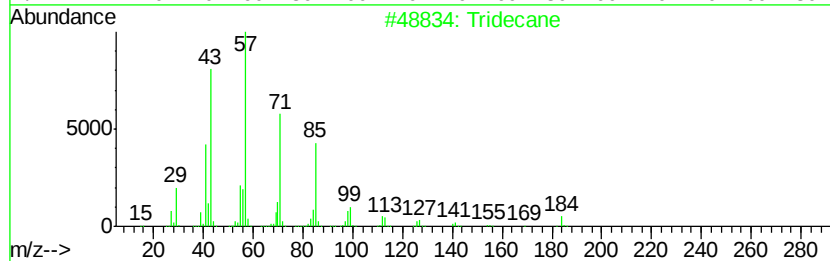
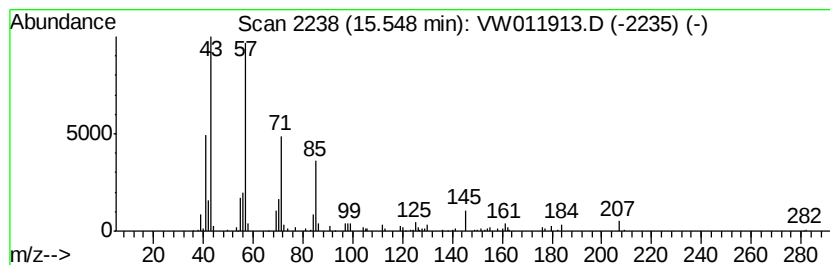
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	3.70 ug/L	118537	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	81
2			Tridecane	184	C13H28	000629-50-5	81
3			Tridecane	184	C13H28	000629-50-5	70
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59
5			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC7

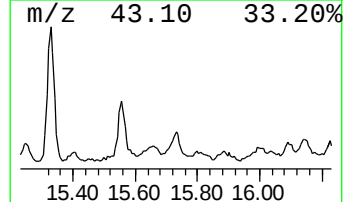
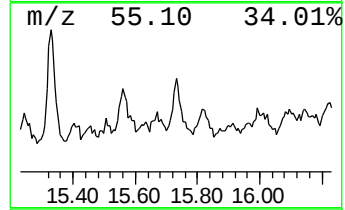
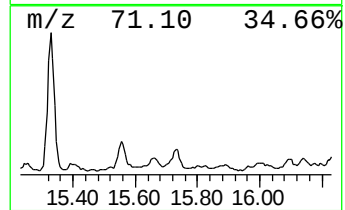
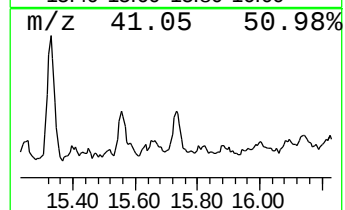
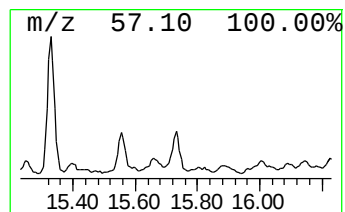
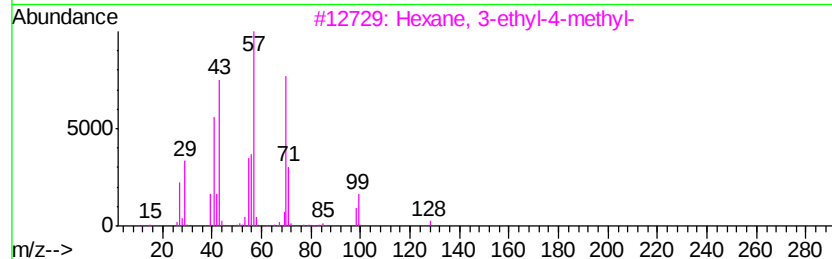
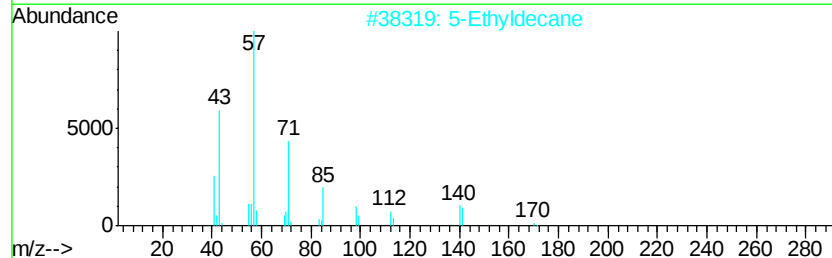
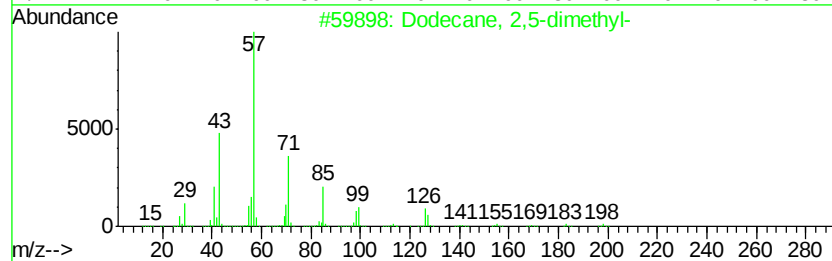
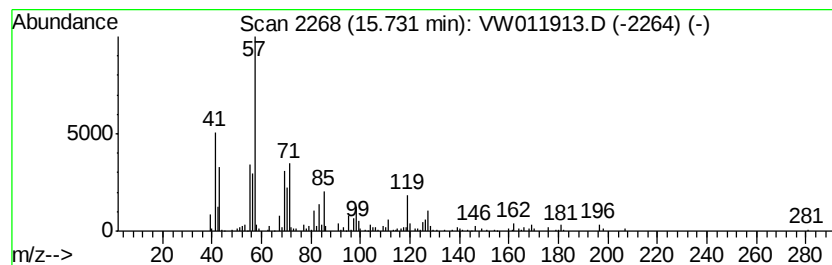
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.43 ug/L	77810	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64
2			5-Ethyldecane	170	C12H26	017302-36-2	46
3			Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	43
4			1-Tetradecene	196	C14H28	001120-36-1	38
5			Octacosane	394	C28H58	000630-02-4	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC7

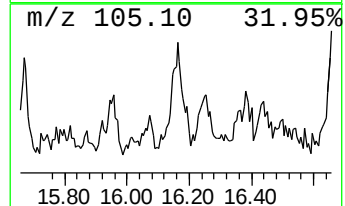
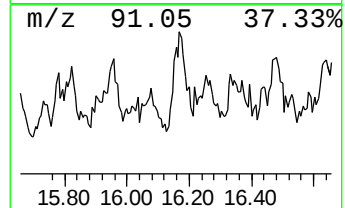
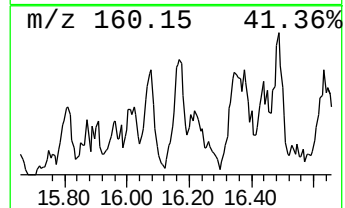
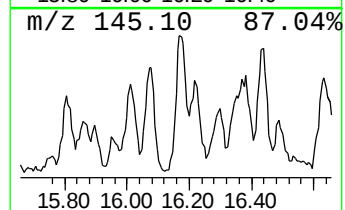
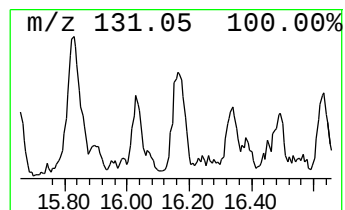
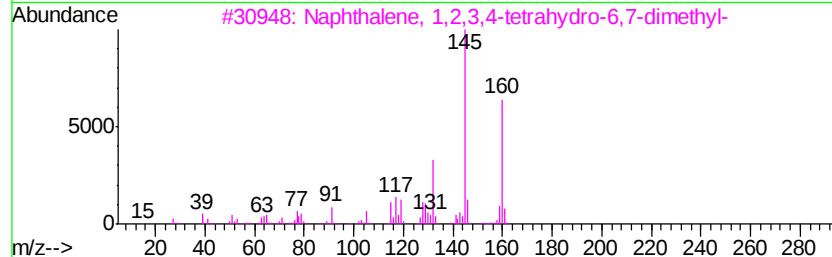
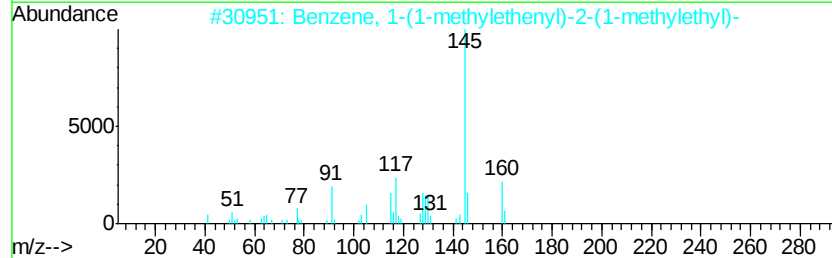
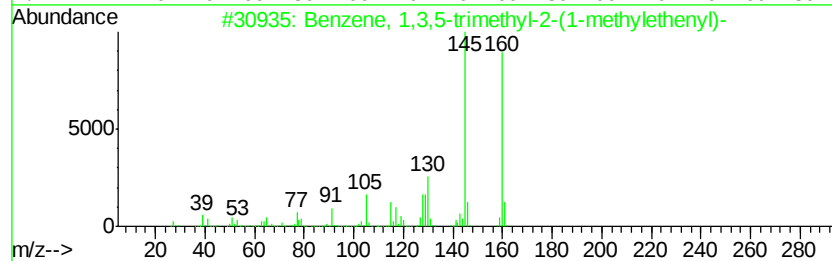
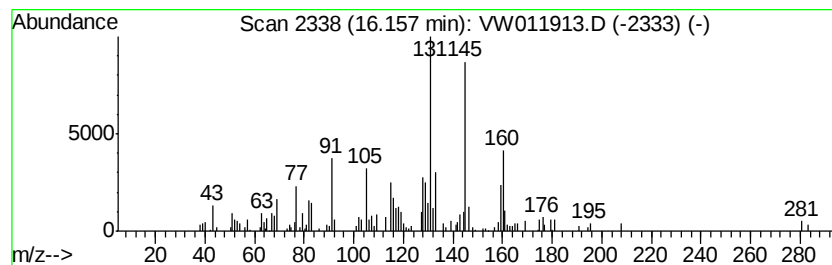
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.03 ug/L	64939	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
2			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	49
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	43
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	38
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC7

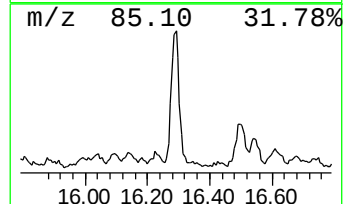
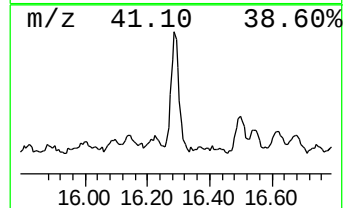
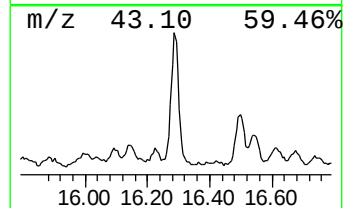
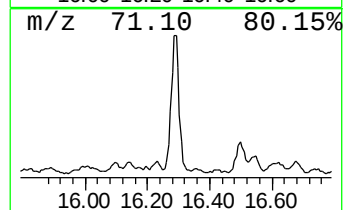
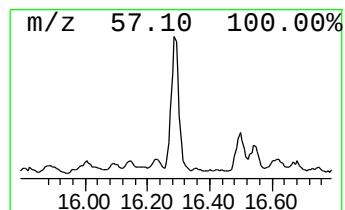
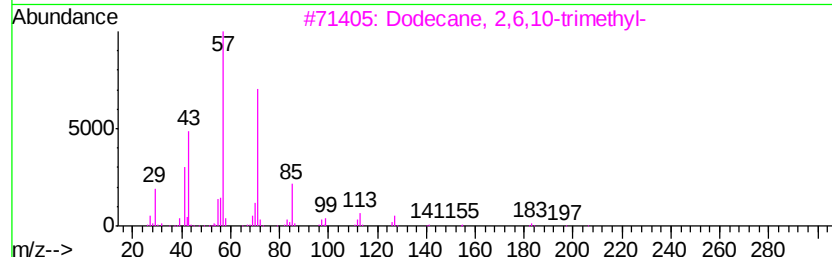
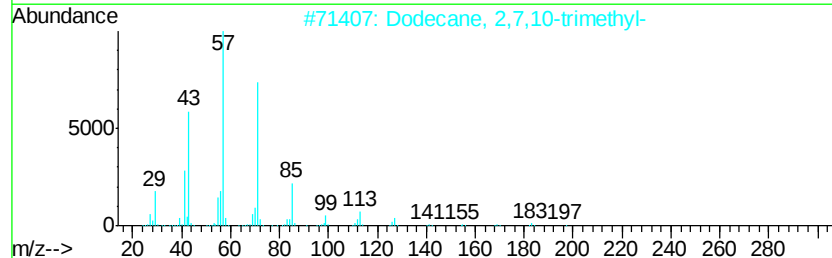
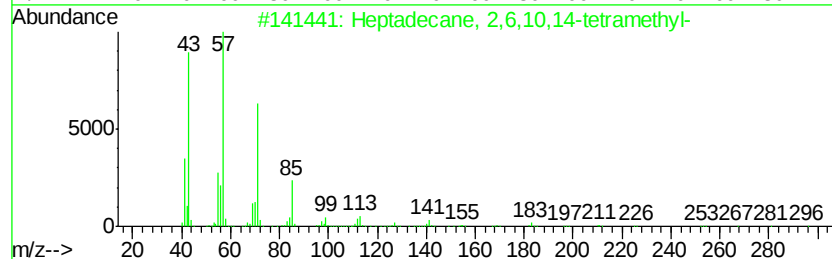
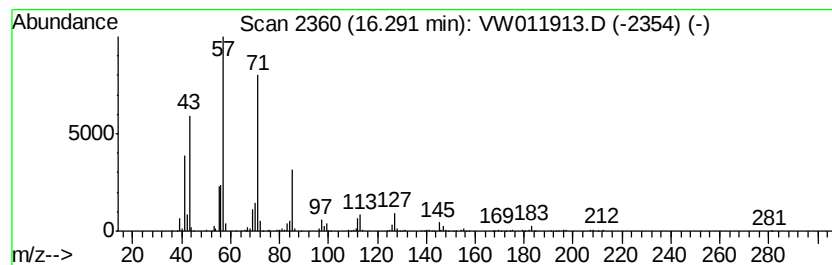
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	8.78 ug/L	281413	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	90
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC7

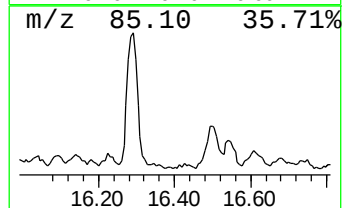
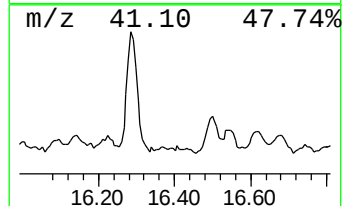
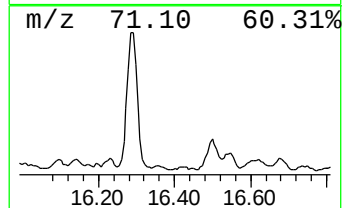
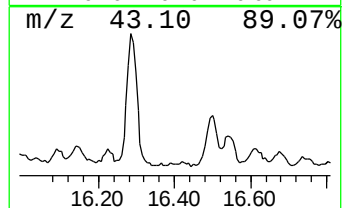
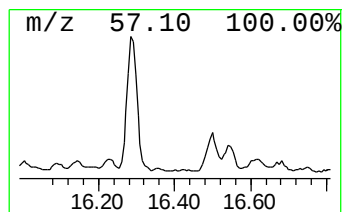
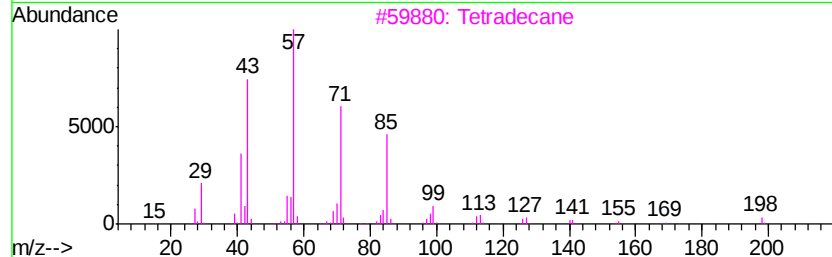
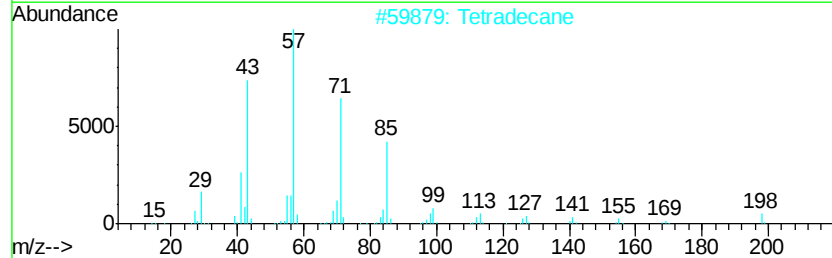
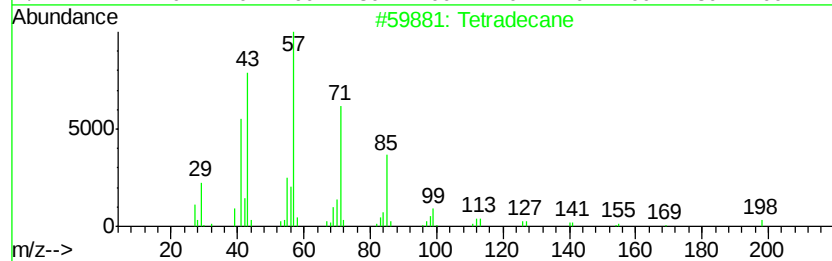
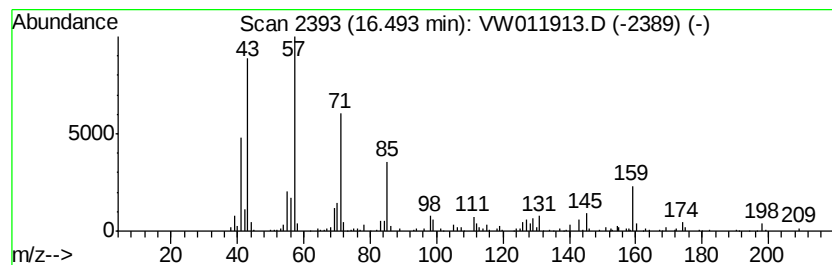
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.48 ug/L	79500	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	83
2			Tetradecane	198	C14H30	000629-59-4	64
3			Tetradecane	198	C14H30	000629-59-4	64
4			Tetradecane	198	C14H30	000629-59-4	58
5			Octadecane	254	C18H38	000593-45-3	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC7

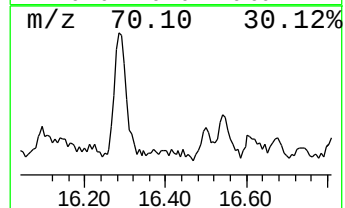
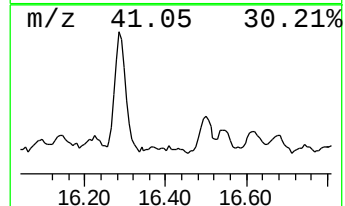
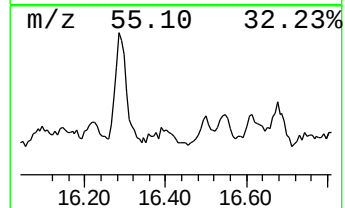
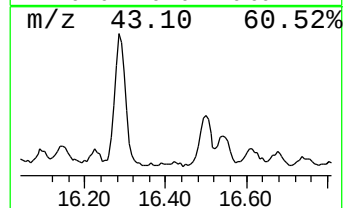
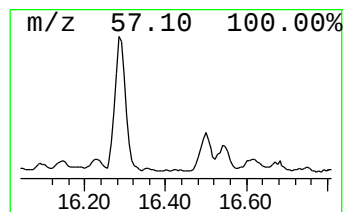
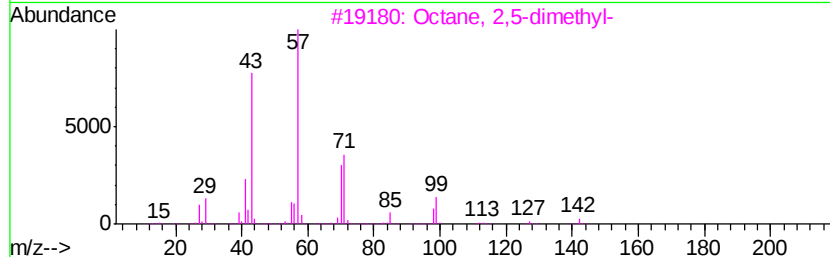
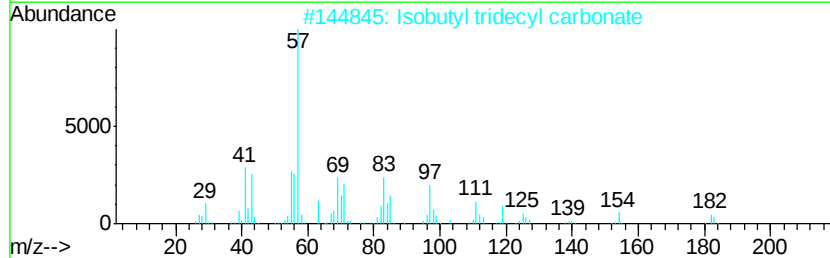
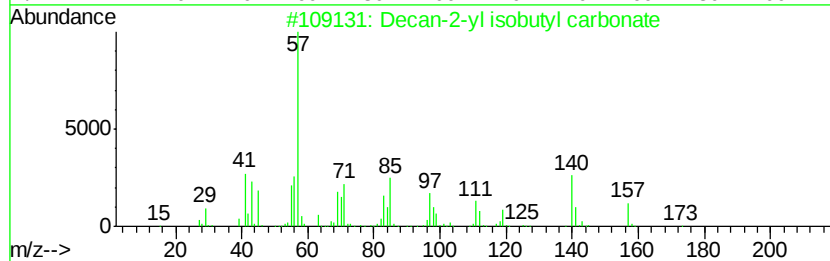
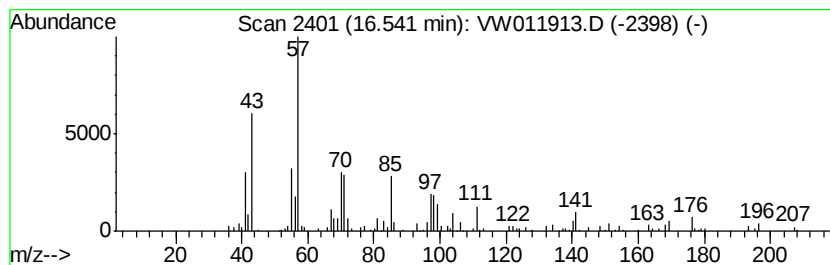
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Quant Title : VOC Analysis

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

Peak Number 18 Decan-2-yl isobutyl carbonate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	1.57 ug/L	50169	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decan-2-yl isobutyl carbonate	258	C15H30O3	1000372-79-5	64
2		Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	43
3		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	35
4		Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	27
5		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081419\
Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23
Misc : 3.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC7

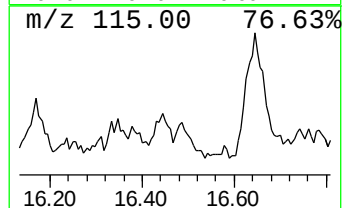
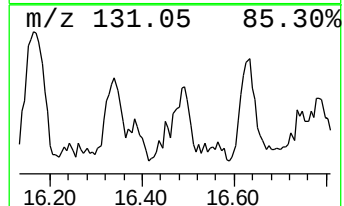
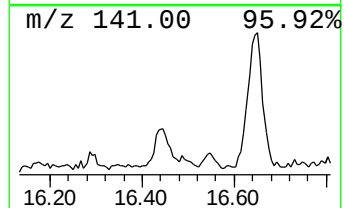
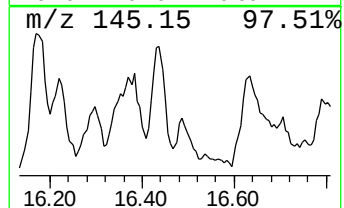
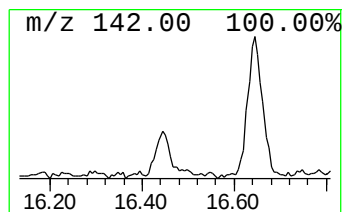
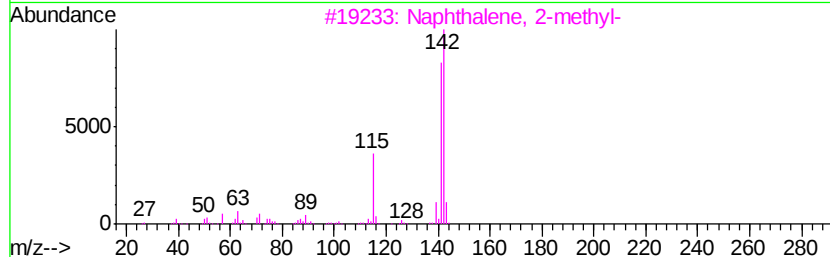
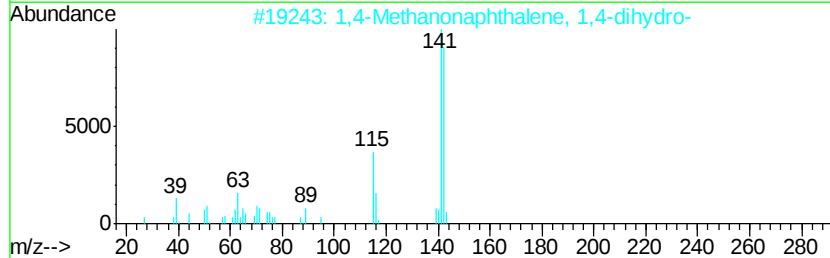
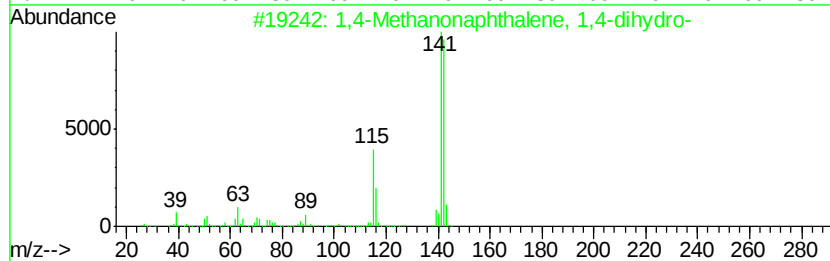
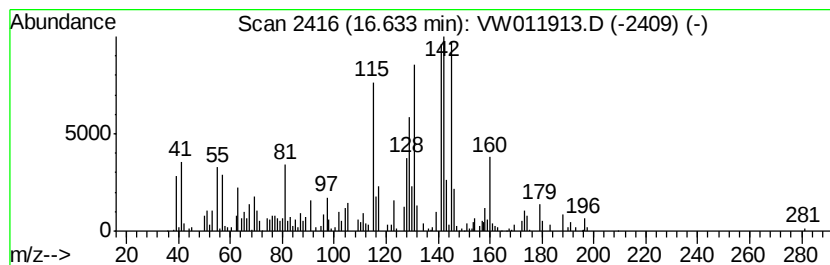
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Quant Title : VOC Analysis

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

Peak Number 19 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	3.48 ug/L	111396	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	38
2			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	30
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	25
4			Benzocycloheptatriene	142	C11H10	000264-09-5	25
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	25



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081419\
 Data File : VW011913.D
 Acq On : 14 Aug 2019 12:02
 Operator : SY/VA
 Sample : K4215-23
 Misc : 3.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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
Tricyclo[2.2.1.0(...	12.37	2.7	ug/L	114521	2	11.63	1058710	25.0
unknown-01	12.78	1.5	ug/L	46535	3	13.56	801393	25.0
Bicyclo[2.2.1]hep...	12.92	10.1	ug/L	324537	3	13.56	801393	25.0
Bicyclo[2.2.1]hep...	13.05	23.5	ug/L	753542	3	13.56	801393	25.0
Benzene, 1-ethyl-...	14.42	1.3	ug/L	41260	3	13.56	801393	25.0
(DEL) Alkane: Str...	14.72	2.2	ug/L	71292	3	13.56	801393	25.0
Benzene, 1-methyl...	14.80	1.6	ug/L	50150	3	13.56	801393	25.0
(DEL) Alkane: Str...	14.84	3.1	ug/L	99255	3	13.56	801393	25.0
Naphthalene, 1,2,...	15.18	2.1	ug/L	66896	3	13.56	801393	25.0
unknown-02	15.25	1.6	ug/L	52774	3	13.56	801393	25.0
Sulfurous acid, 2...	15.33	8.5	ug/L	271489	3	13.56	801393	25.0
(DEL) Alkane: Str...	15.55	3.7	ug/L	118537	3	13.56	801393	25.0
(DEL) Alkane: Str...	15.73	2.4	ug/L	77810	3	13.56	801393	25.0
Benzene, 1,3,5-tr...	16.16	2.0	ug/L	64939	3	13.56	801393	25.0
(DEL) Alkane: Str...	16.29	8.8	ug/L	281413	3	13.56	801393	25.0
(DEL) Alkane: Str...	16.49	2.5	ug/L	79500	3	13.56	801393	25.0
Decan-2-yl isobut...	16.54	1.6	ug/L	50169	3	13.56	801393	25.0
unknown-03	16.63	3.5	ug/L	111396	3	13.56	801393	25.0