

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\
 Data File : VW015591.D
 Acq On : 11 Jun 2020 15:51
 Operator : SY/VA
 Sample : L2959-08
 Misc : 3.32G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K2

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\SOM2WLM052620S.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	2.215	49	51	52	rBV2	663	368	0.01%	0.002%
2	2.355	68	74	89	rVB	91419	172606	5.93%	1.033%
3	2.495	93	97	103	rBV2	3622	7388	0.25%	0.044%
4	2.897	155	163	176	rBV	59690	153650	5.28%	0.920%
5	3.842	315	318	323	rVB4	430	720	0.02%	0.004%
6	4.013	336	346	359	rBV	138678	410286	14.09%	2.456%
7	4.123	359	364	376	rVB	7915	22268	0.76%	0.133%
8	4.287	387	391	393	rBV2	350	453	0.02%	0.003%
9	4.373	396	405	406	rBV2	1927	2710	0.09%	0.016%
10	4.921	483	495	506	rBV2	14537	50225	1.72%	0.301%
11	5.171	532	536	540	rVB4	276	528	0.02%	0.003%
12	5.434	574	579	581	rBV3	282	471	0.02%	0.003%
13	5.787	627	637	651	rVB3	3260	11326	0.39%	0.068%
14	5.940	653	662	670	rBV6	3005	8745	0.30%	0.052%
15	6.098	684	688	690	rVV2	258	346	0.01%	0.002%
16	6.909	812	821	832	rBV5	2773	9055	0.31%	0.054%
17	7.086	841	850	856	rBV2	24711	69544	2.39%	0.416%
18	7.549	922	926	932	rBV3	366	742	0.03%	0.004%
19	7.653	932	943	959	rBV	184419	451421	15.50%	2.702%
20	7.951	987	992	1000	rVB8	1123	2668	0.09%	0.016%
21	8.025	1000	1004	1009	rBV3	240	485	0.02%	0.003%
22	8.159	1021	1026	1031	rVB3	659	1148	0.04%	0.007%
23	8.281	1031	1046	1061	rBV2	372465	1091957	37.50%	6.537%
24	8.384	1061	1063	1065	rBV3	265	282	0.01%	0.002%
25	8.427	1068	1070	1071	rBV2	452	385	0.01%	0.002%
26	8.506	1079	1083	1088	rVV3	857	1714	0.06%	0.010%
27	8.573	1088	1094	1102	rVB5	1047	2191	0.08%	0.013%
28	8.701	1109	1115	1123	rVB3	2902	6317	0.22%	0.038%
29	8.848	1130	1139	1156	rVV	396084	781673	26.84%	4.679%
30	9.079	1166	1177	1182	rBV7	2113	5679	0.20%	0.034%
31	9.280	1200	1210	1217	rBV	240481	498039	17.10%	2.981%
32	9.408	1229	1231	1238	rVB4	1490	2620	0.09%	0.016%
33	9.518	1243	1249	1255	rBV5	1232	2246	0.08%	0.013%
34	9.573	1255	1258	1259	rBV	496	414	0.01%	0.002%

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Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Title : VOC Analysis

35	9.610	1260	1264	1269	rVB3	1360	2531	0.09%	0.015%
36	9.665	1269	1273	1275	rBV3	445	553	0.02%	0.003%
37	9.750	1282	1287	1293	rVB5	2310	4344	0.15%	0.026%
38	9.854	1302	1304	1306	rBV2	263	297	0.01%	0.002%
39	9.896	1306	1311	1316	rBV6	1354	2611	0.09%	0.016%
40	9.963	1316	1322	1325	rBV3	2622	5168	0.18%	0.031%
41	10.036	1328	1334	1341	rBV	128929	228113	7.83%	1.366%
42	10.128	1347	1349	1358	rVB3	4882	8541	0.29%	0.051%
43	10.213	1358	1363	1366	rBV3	1098	1739	0.06%	0.010%
44	10.329	1374	1382	1389	rBV	521006	933740	32.07%	5.590%
45	10.445	1398	1401	1403	rVB3	677	620	0.02%	0.004%
46	10.506	1404	1411	1417	rVB3	14746	28875	0.99%	0.173%
47	10.579	1417	1423	1433	rBV	77889	142310	4.89%	0.852%
48	10.664	1433	1437	1440	rBV2	10843	18505	0.64%	0.111%
49	10.707	1440	1444	1449	rVB	20002	33178	1.14%	0.199%
50	10.762	1449	1453	1457	rBV3	6155	11084	0.38%	0.066%
51	10.859	1463	1469	1474	rVB4	10770	21504	0.74%	0.129%
52	10.927	1474	1480	1491	rVB	106459	180265	6.19%	1.079%
53	11.042	1493	1499	1501	rBV2	7735	14148	0.49%	0.085%
54	11.067	1501	1503	1507	rVV3	9480	13644	0.47%	0.082%
55	11.116	1507	1511	1514	rVV2	6653	11436	0.39%	0.068%
56	11.176	1517	1521	1525	rVV2	22413	38523	1.32%	0.231%
57	11.231	1525	1530	1536	rVV	42397	82262	2.82%	0.492%
58	11.286	1536	1539	1543	rVV2	8503	12809	0.44%	0.077%
59	11.341	1543	1548	1552	rVV4	18470	32106	1.10%	0.192%
60	11.439	1552	1564	1571	rVB6	39815	116650	4.01%	0.698%
61	11.512	1571	1576	1581	rBV	21247	35420	1.22%	0.212%
62	11.634	1588	1596	1605	rBV	504234	853138	29.30%	5.107%
63	11.731	1606	1612	1615	rBV2	33188	55806	1.92%	0.334%
64	11.768	1615	1618	1622	rVB	17840	23497	0.81%	0.141%
65	11.841	1622	1630	1634	rBV2	169059	354443	12.17%	2.122%
66	11.975	1648	1652	1655	rBV2	13349	23827	0.82%	0.143%
67	12.140	1671	1679	1681	rBV4	116674	244478	8.40%	1.463%
68	12.256	1695	1698	1702	rVB	72479	99513	3.42%	0.596%
69	12.304	1702	1706	1707	rBV	45692	58377	2.00%	0.349%
70	12.341	1708	1712	1714	rBV2	112543	176671	6.07%	1.058%
71	12.615	1753	1757	1761	rBV3	39604	60984	2.09%	0.365%

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Integration Parameters: LSCINT.P

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72	12.694	1765	1770	1780	rVV4	206077	631093	21.67%	3.778%
73	12.780	1780	1784	1791	rVB4	268270	518750	17.81%	3.105%
74	12.865	1791	1798	1802	rBV5	124327	270163	9.28%	1.617%
75	12.938	1804	1810	1817	rVV3	292390	638104	21.91%	3.820%
76	13.085	1830	1834	1837	rBV2	66372	98473	3.38%	0.589%
77	13.170	1844	1848	1857	rVB5	121734	275234	9.45%	1.648%
78	13.255	1857	1862	1866	rBV	189137	320634	11.01%	1.919%
79	13.383	1879	1883	1886	rBV2	80525	127022	4.36%	0.760%
80	13.469	1891	1897	1907	rVB2	1658494	2911963	100.00%	17.432%
81	13.560	1907	1912	1921	rBV2	334408	655555	22.51%	3.924%
82	13.749	1940	1943	1946	rBV	71486	89893	3.09%	0.538%
83	13.792	1946	1950	1954	rVV2	80653	113431	3.90%	0.679%
84	13.877	1956	1964	1971	rVB2	316950	844881	29.01%	5.058%
85	14.097	1996	2000	2006	rVB	133905	218667	7.51%	1.309%
86	14.206	2013	2018	2022	rVB3	96081	163527	5.62%	0.979%
87	14.261	2022	2027	2035	rVB5	58092	132710	4.56%	0.794%
88	14.341	2035	2040	2044	rBV2	58042	103102	3.54%	0.617%
89	14.389	2044	2048	2050	rVV2	71447	114201	3.92%	0.684%
90	14.420	2050	2053	2057	rVV2	113988	172128	5.91%	1.030%
91	14.456	2057	2059	2063	rVB	46303	55485	1.91%	0.332%
92	14.499	2063	2066	2070	rBV	46856	72014	2.47%	0.431%
93	14.548	2070	2074	2081	rVB5	67706	127644	4.38%	0.764%
94	14.731	2101	2104	2109	rVB3	27549	44055	1.51%	0.264%
95	14.792	2109	2114	2122	rBV4	55803	119336	4.10%	0.714%
96	14.859	2122	2125	2130	rVB2	17093	23851	0.82%	0.143%
97	15.066	2156	2159	2163	rBV2	16456	25772	0.89%	0.154%
98	15.944	2301	2303	2305	rBV2	1553	1683	0.06%	0.010%
99	16.444	2383	2385	2389	rBV5	1284	1460	0.05%	0.009%
100	16.596	2401	2410	2420	rBV	59786	131926	4.53%	0.790%

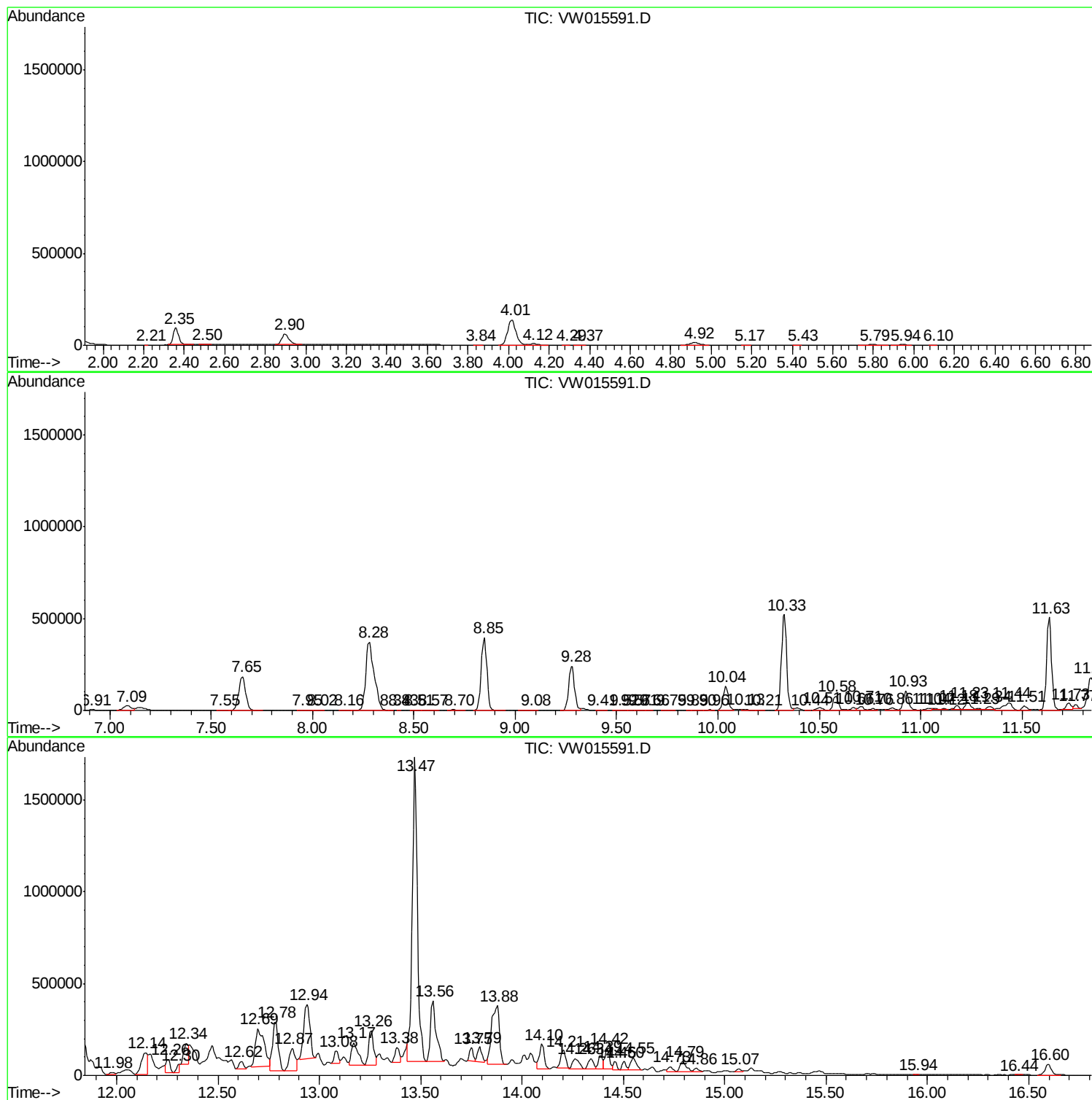
Sum of corrected areas: 16705137

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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



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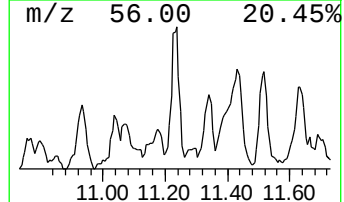
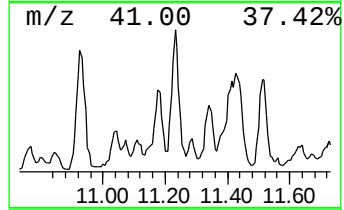
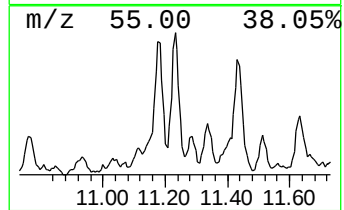
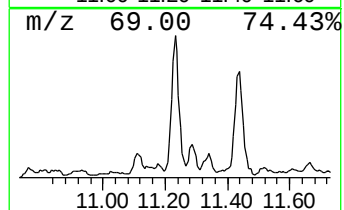
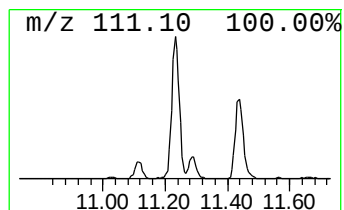
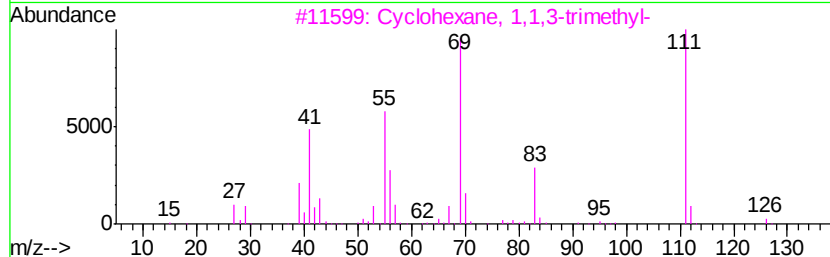
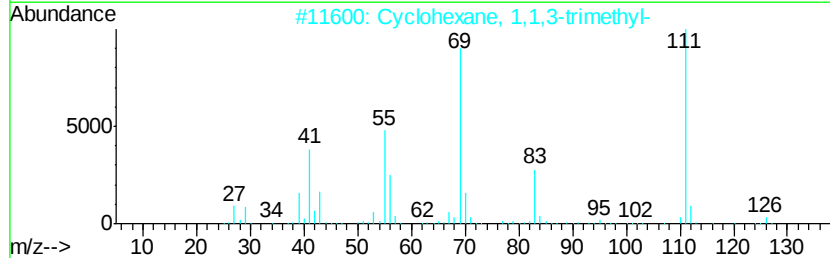
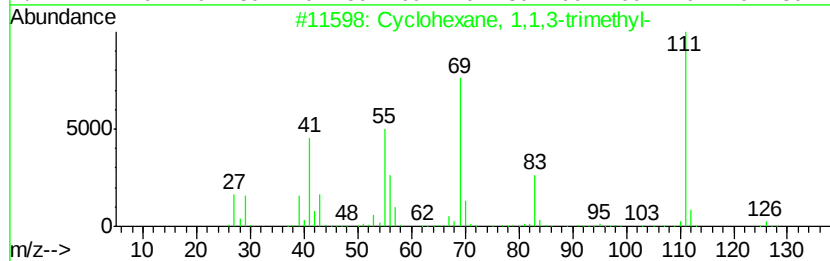
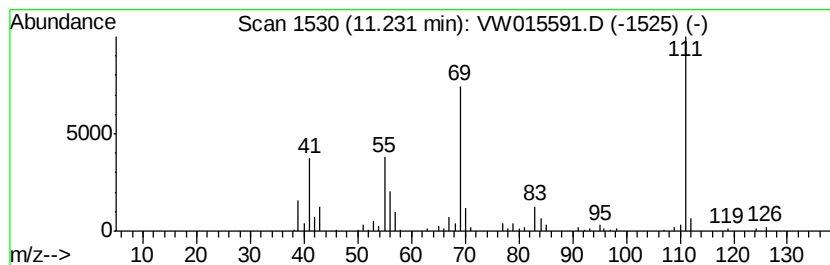
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic11.23 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.23	2.41 ug/L	82262	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5	Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	72



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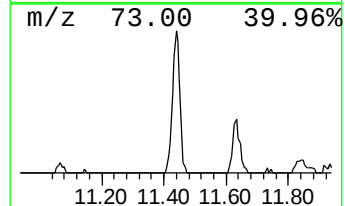
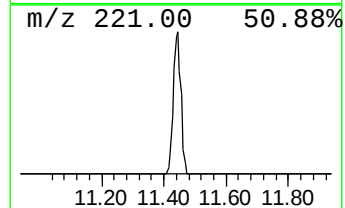
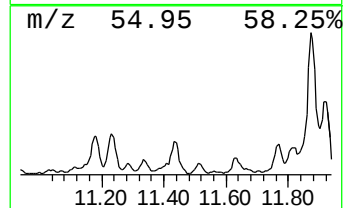
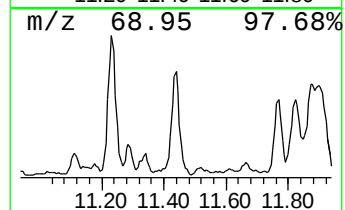
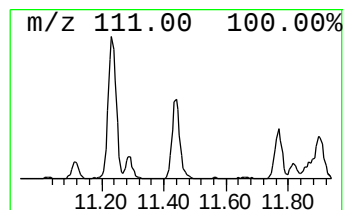
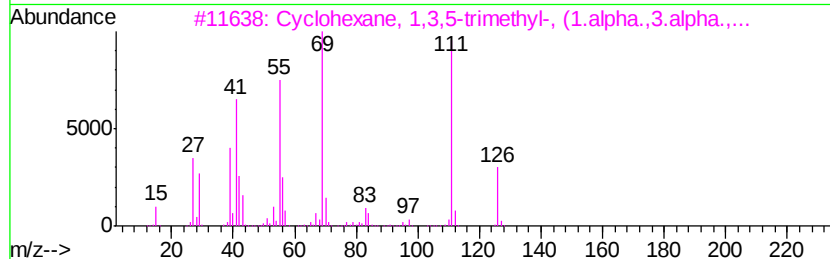
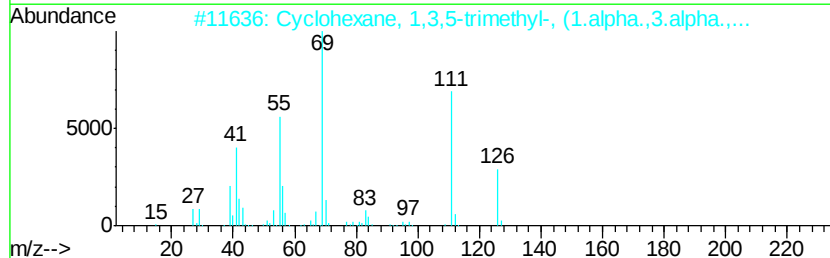
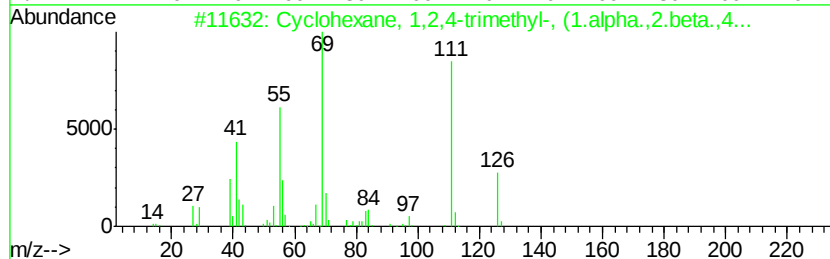
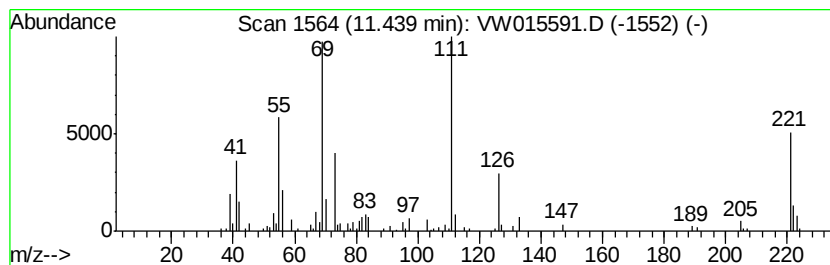
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic11.44 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	3.42 ug/L	116650	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	96
2		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	93
3		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	89
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	76
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76



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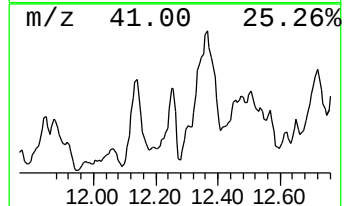
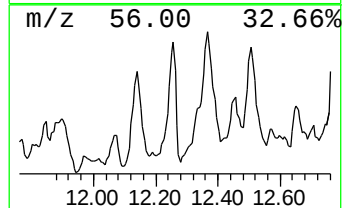
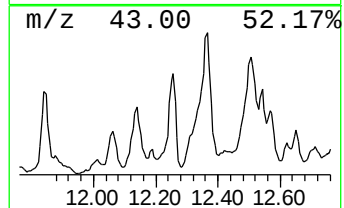
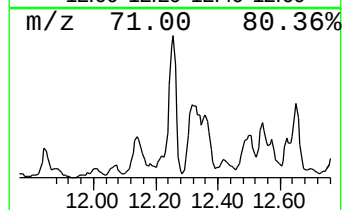
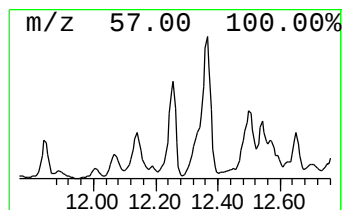
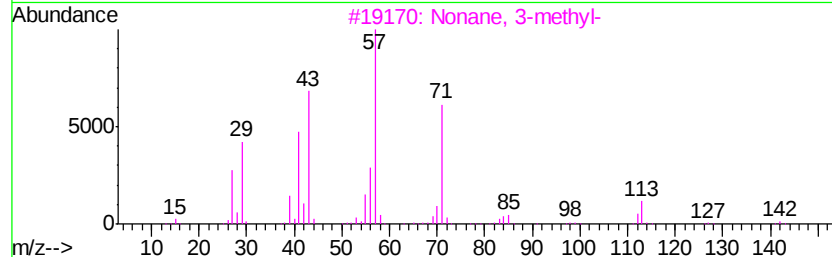
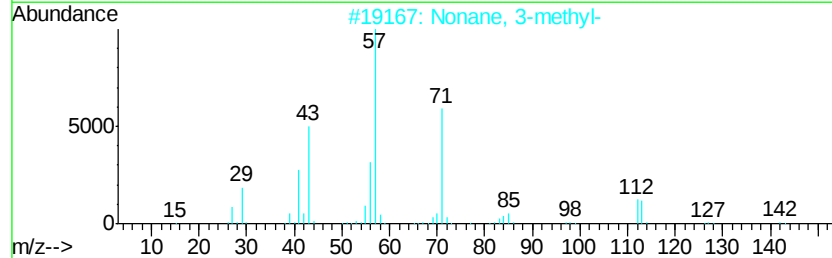
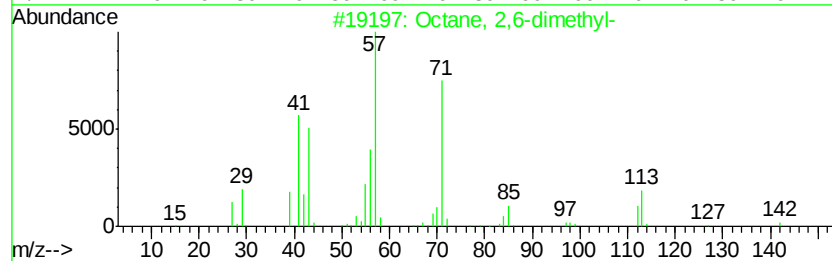
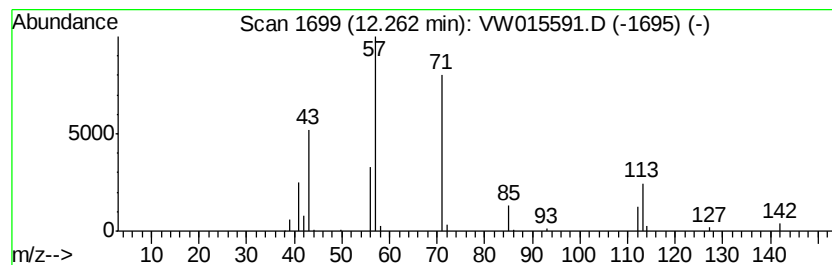
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	2.92 ug/L	99513	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	86
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	80
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

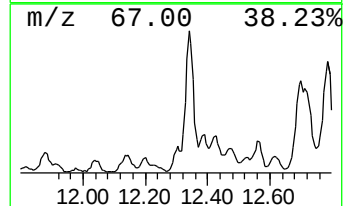
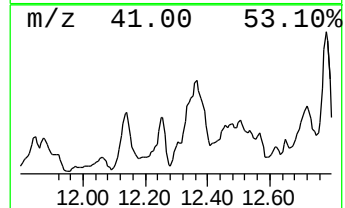
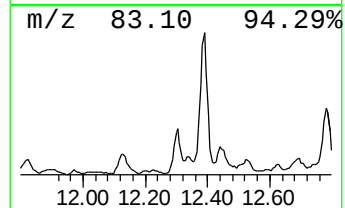
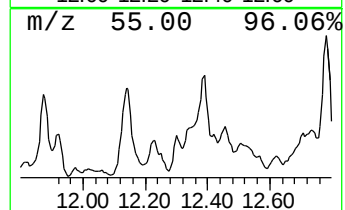
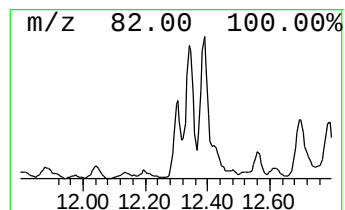
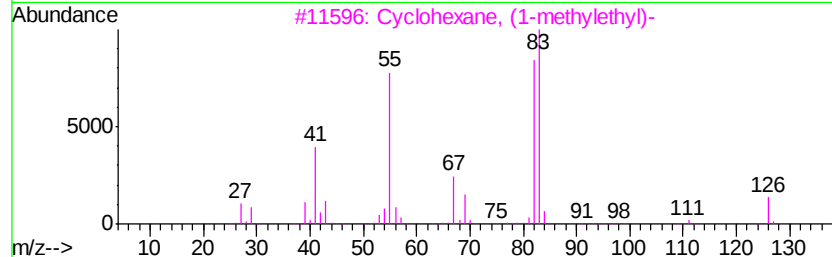
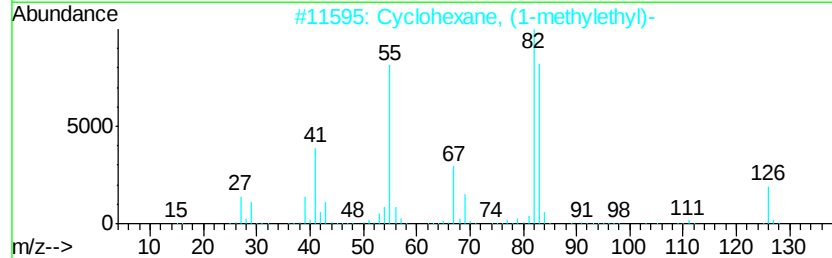
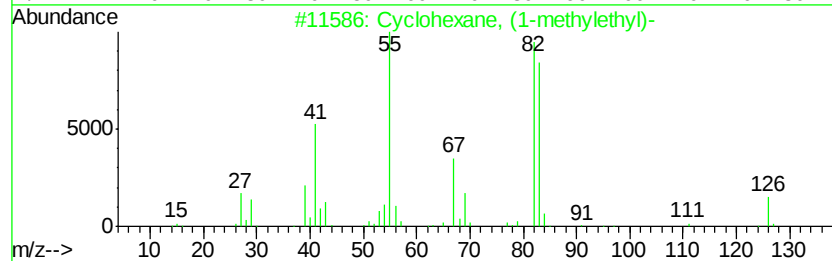
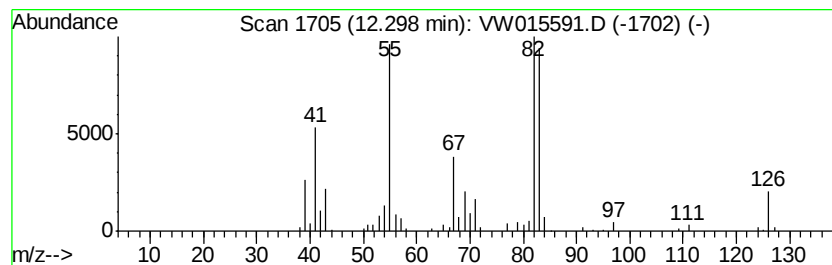
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ClientSampleId :
BG2K2

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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic12.30 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.30	1.71 ug/L	58377	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	68
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

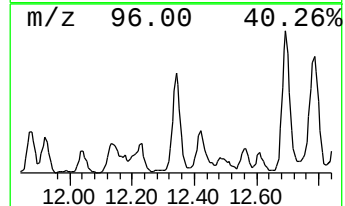
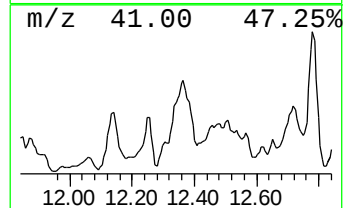
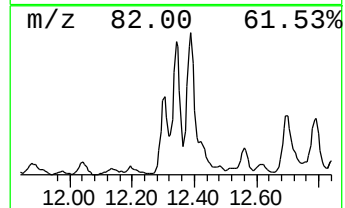
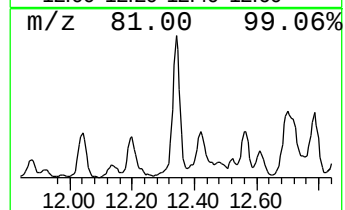
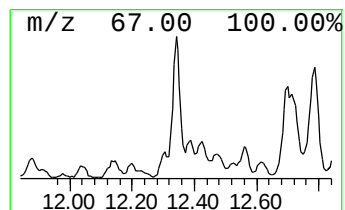
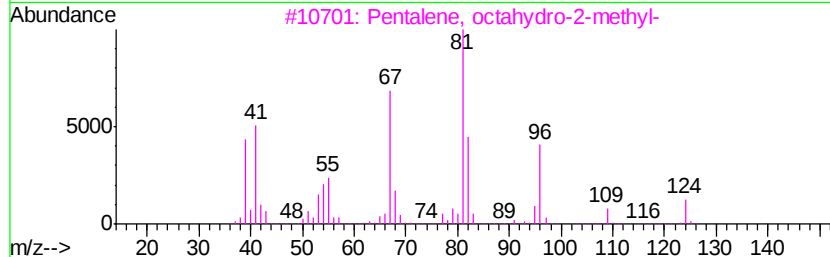
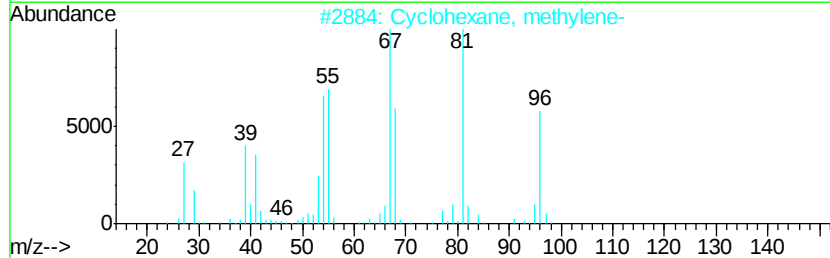
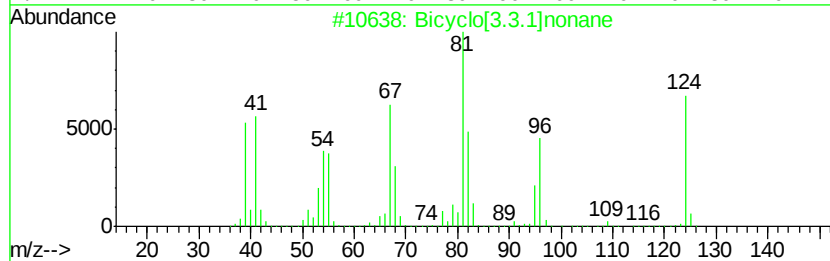
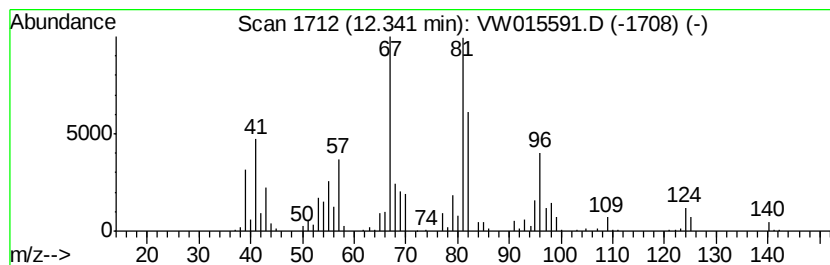
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Quant Title : VOC Analysis

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

Peak Number 6 Bicyclo[3.3.1]nonane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.34	5.18 ug/L	176671	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	68
2	Cyclohexane, methylene-	96	C7H12	001192-37-6	58
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	58
4	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	52
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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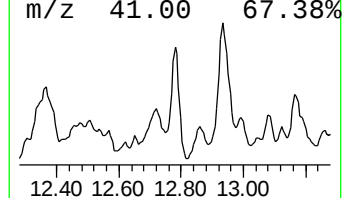
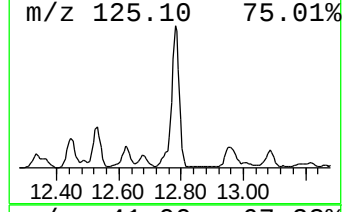
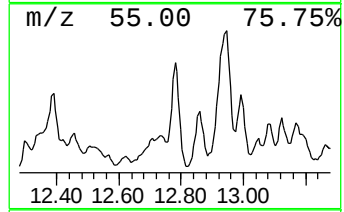
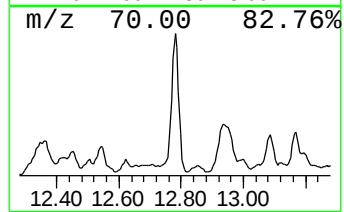
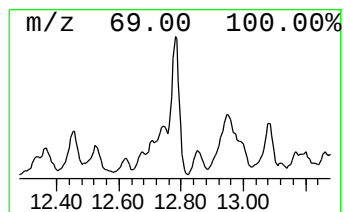
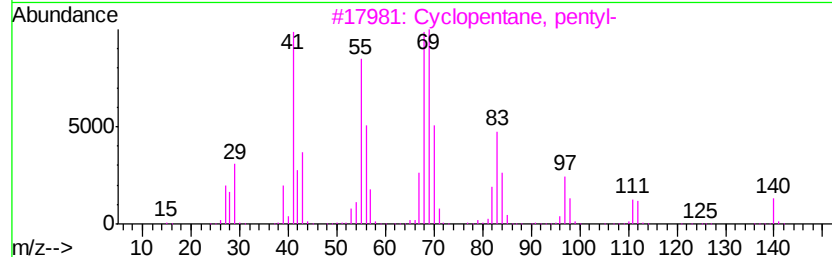
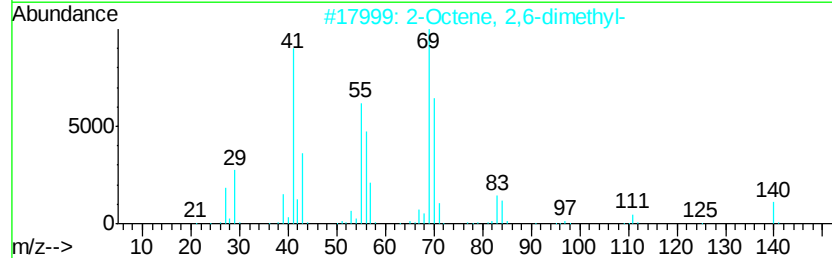
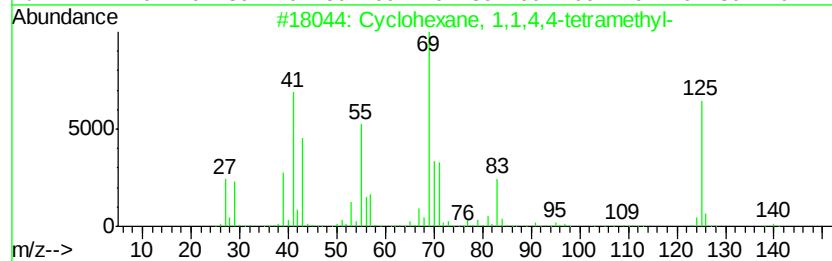
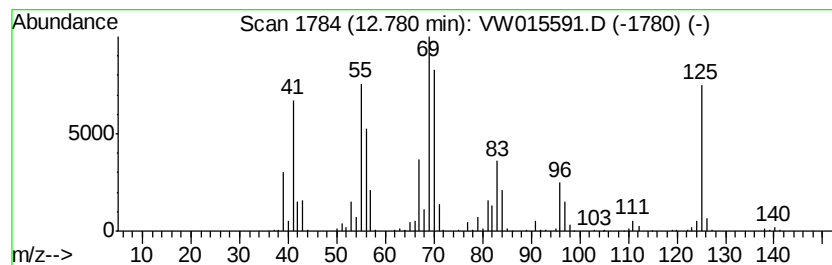
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic12.78 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	19.78 ug/L	518750	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	60
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	60
3		Cyclopentane, pentyl-	140	C10H20	003741-00-2	52
4		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	47
5		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
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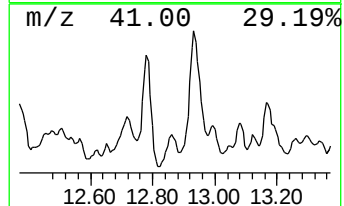
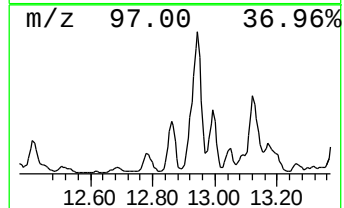
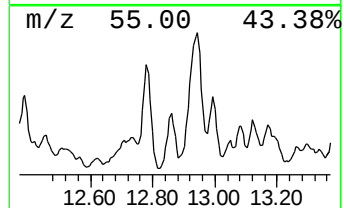
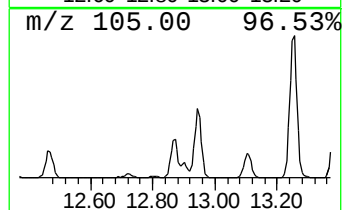
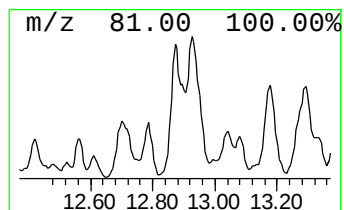
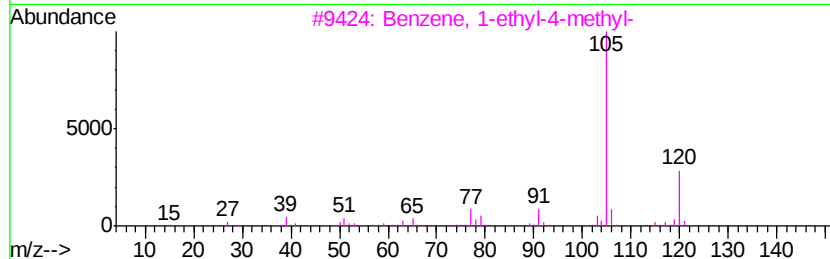
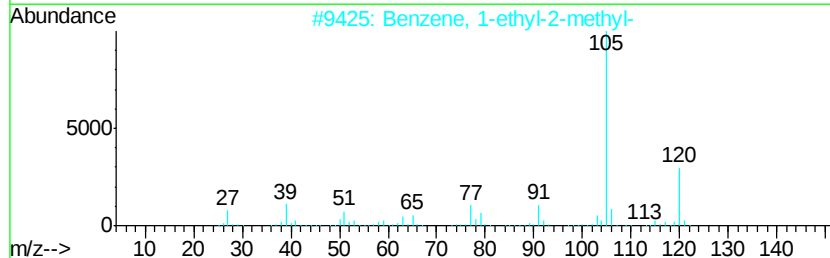
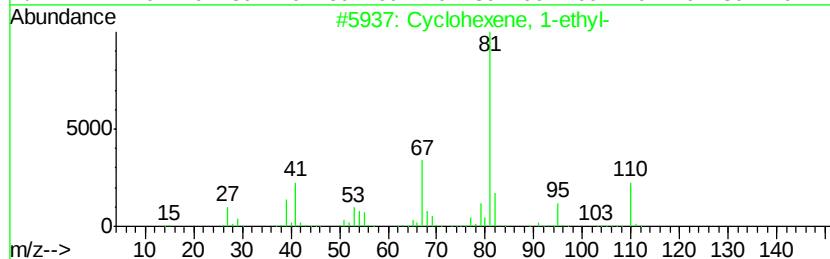
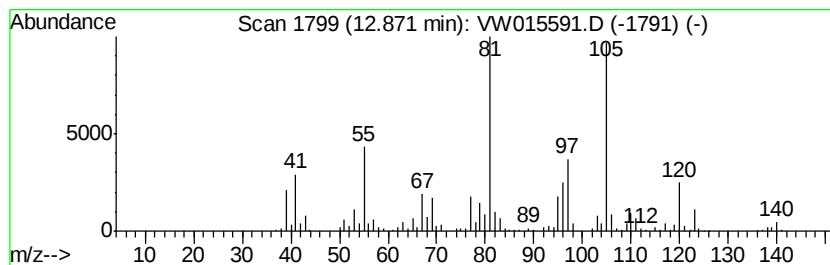
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Quant Title : VOC Analysis

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

Peak Number 9 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	10.30 ug/L	270163	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	27
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	25
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	25
4		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	18
5		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	18



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
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Sample : L2959-08
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ALS Vial : 1 Sample Multiplier: 1

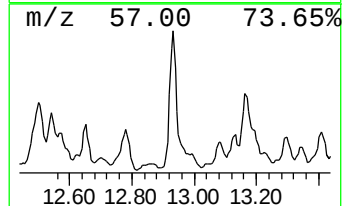
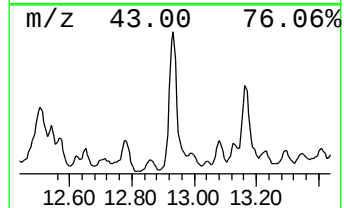
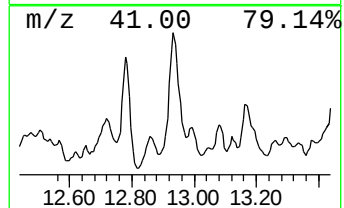
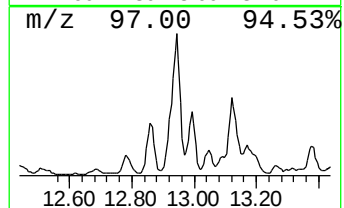
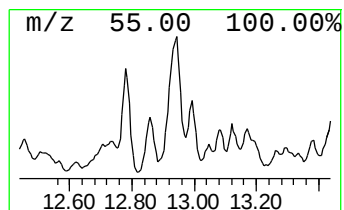
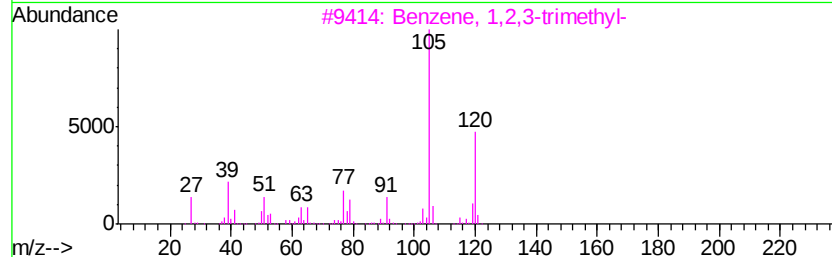
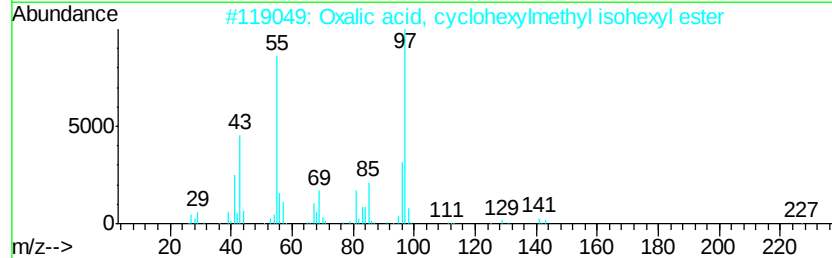
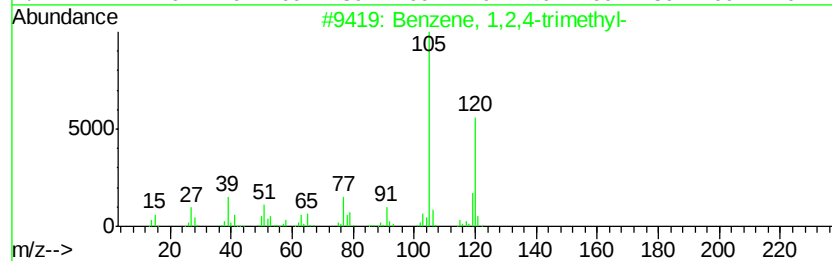
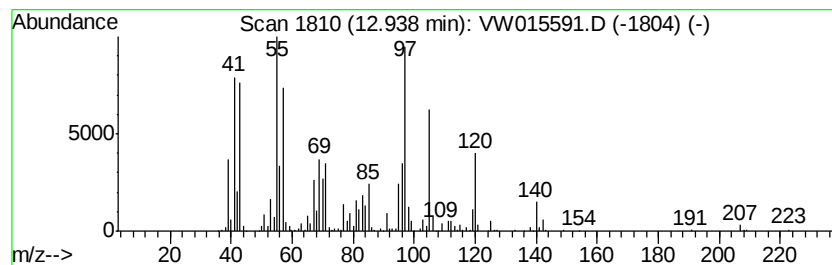
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	24.33 ug/L	638104	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 53
2		Oxalic acid, cyclohexylmethyl is...	270 C15H26O4	1000309-68-3 47
3		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 44
4		Thiophene, 2-butyl-	140 C8H12S	001455-20-5 30
5		Z-3,4,4-Trimethyl-2-pentene	112 C8H16	039761-64-3 25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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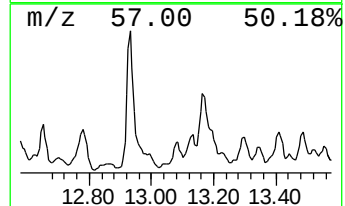
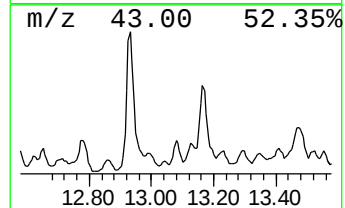
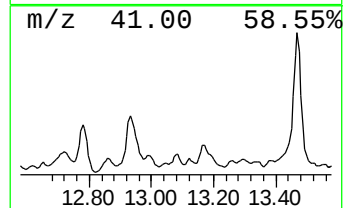
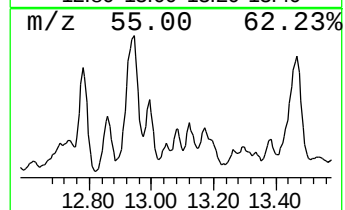
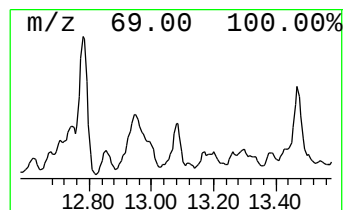
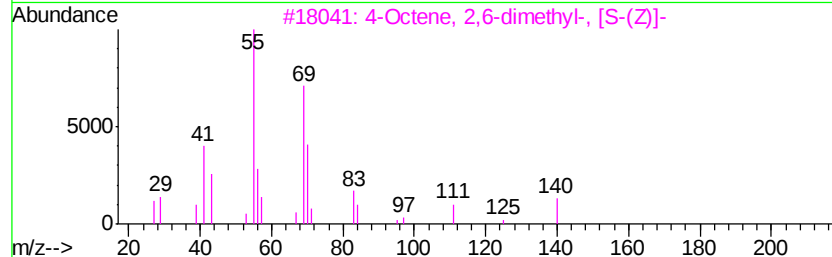
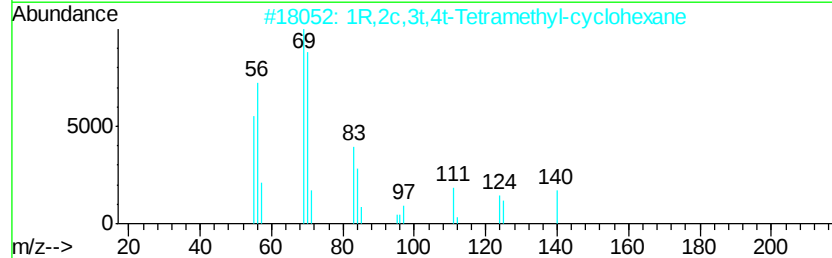
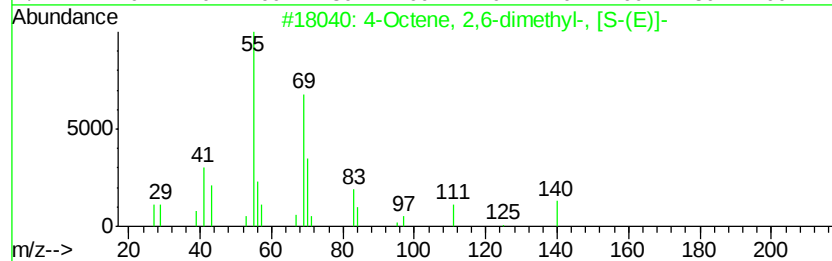
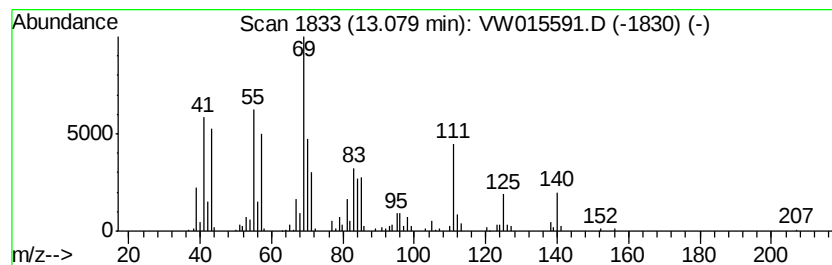
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	3.76 ug/L	98473	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	52
2		1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	49
3		4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	47
4		3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	38
5		2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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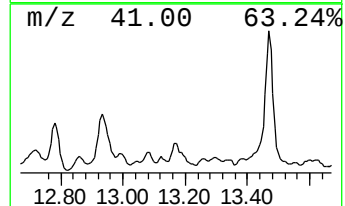
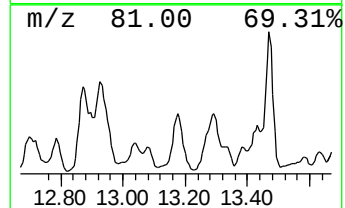
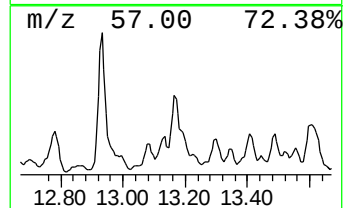
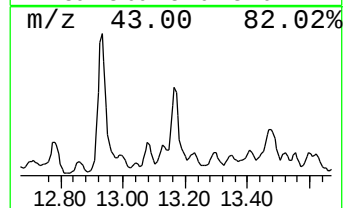
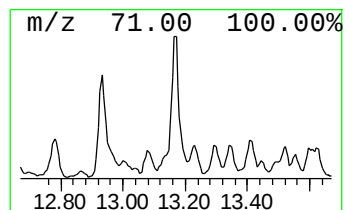
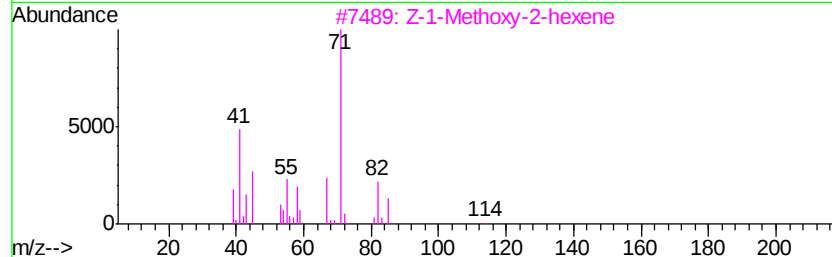
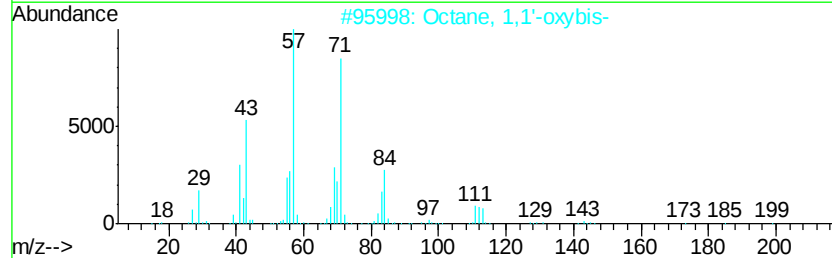
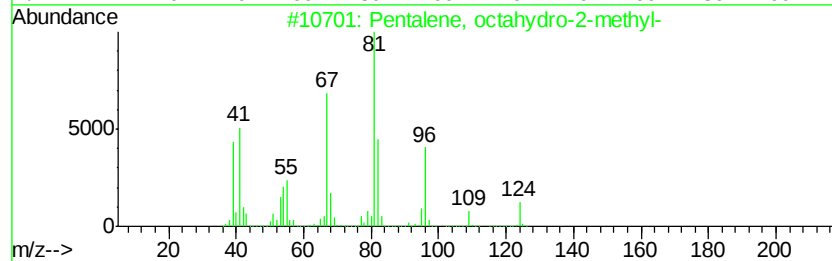
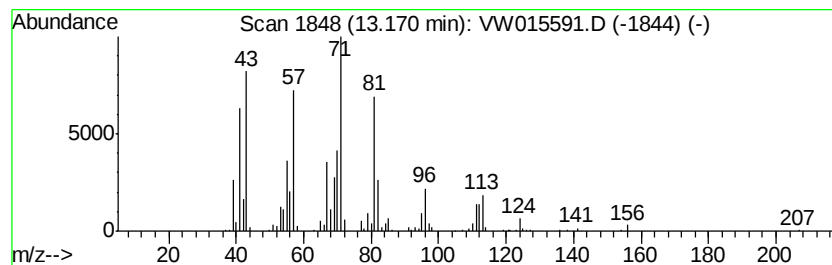
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Quant Title : VOC Analysis

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

Peak Number 12 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	10.50 ug/L	275234	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	48
2		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	43
3		Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	43
4		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	38
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG2K2

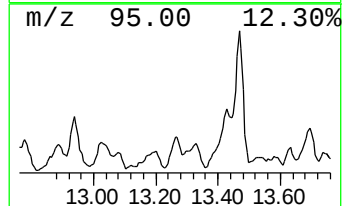
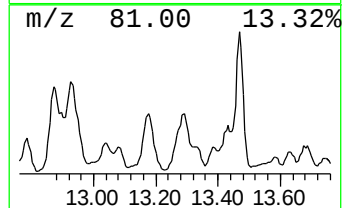
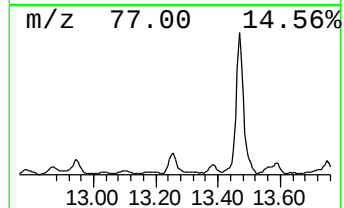
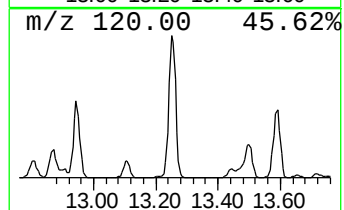
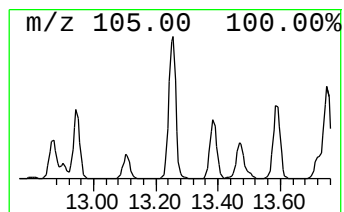
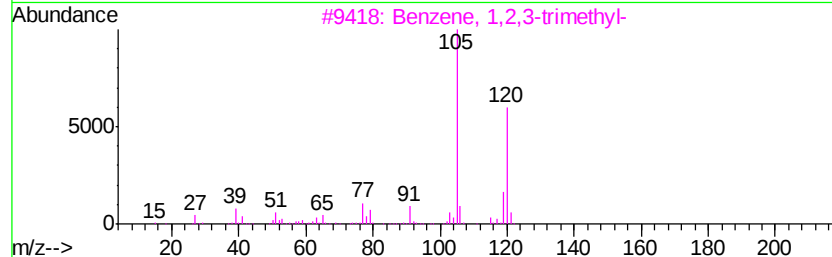
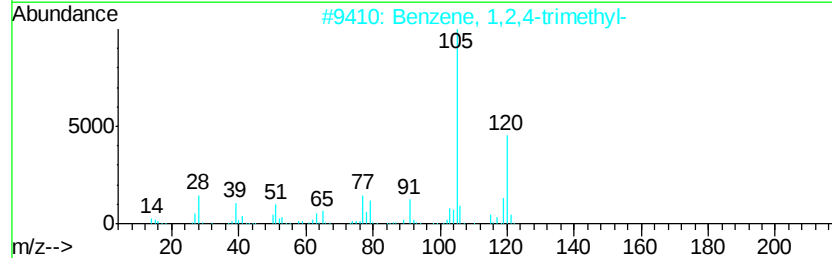
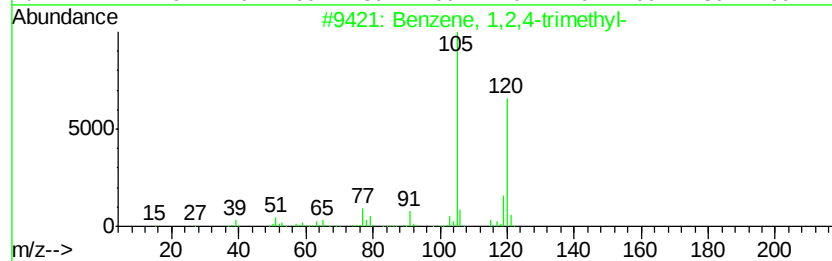
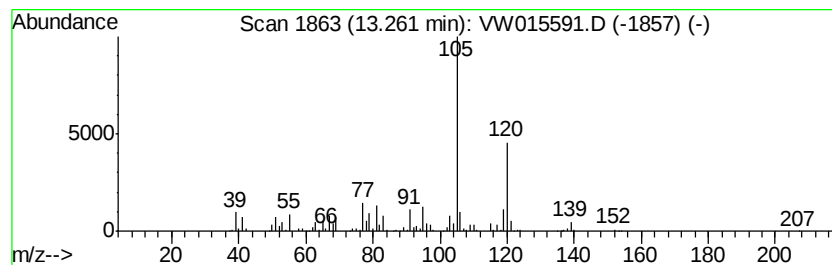
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	12.23 ug/L	320634	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5		Mesitylene	120	C9H12	000108-67-8	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K2

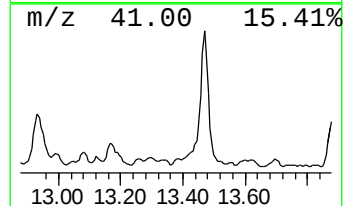
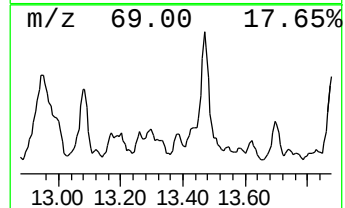
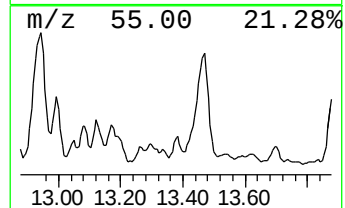
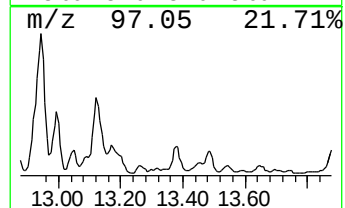
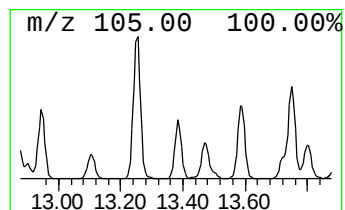
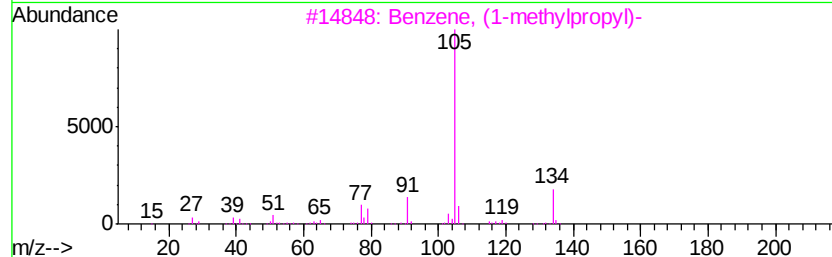
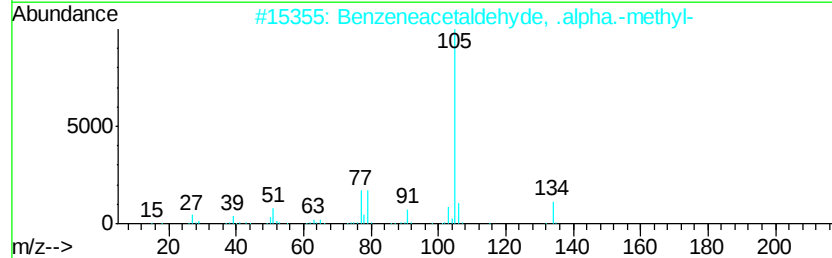
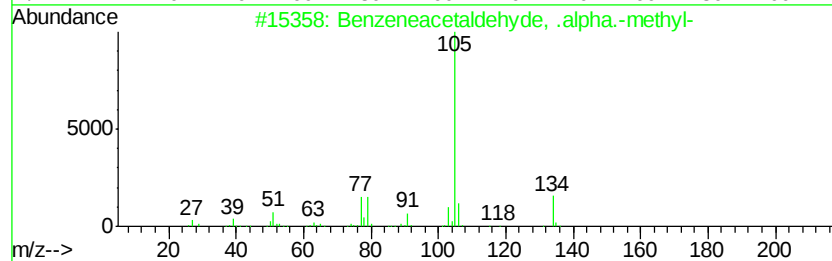
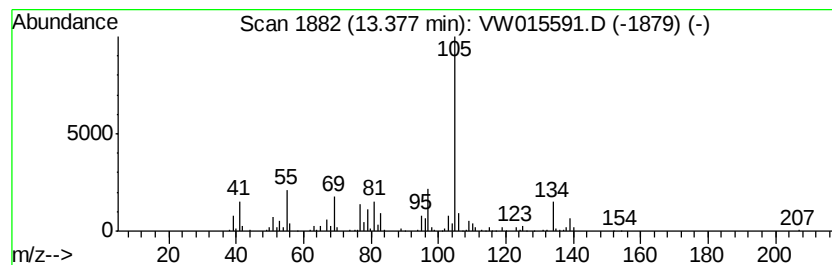
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Quant Title : VOC Analysis

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

Peak Number 14 Benzeneacetaldehyde, .alpha... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	4.84 ug/L	127022	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	55
2		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	49
4		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	49
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K2

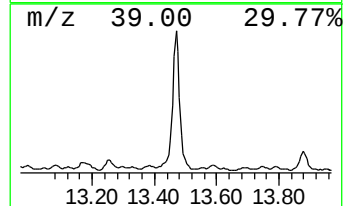
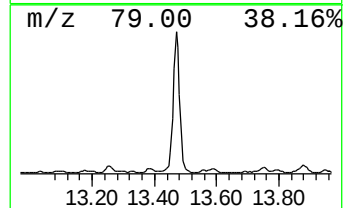
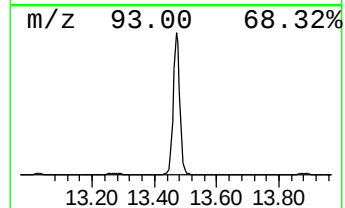
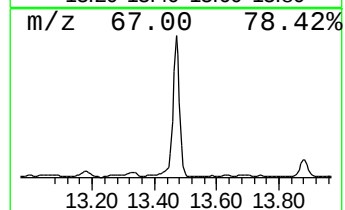
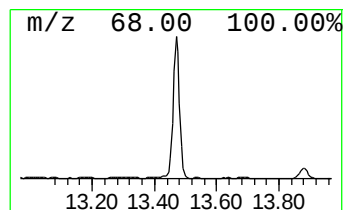
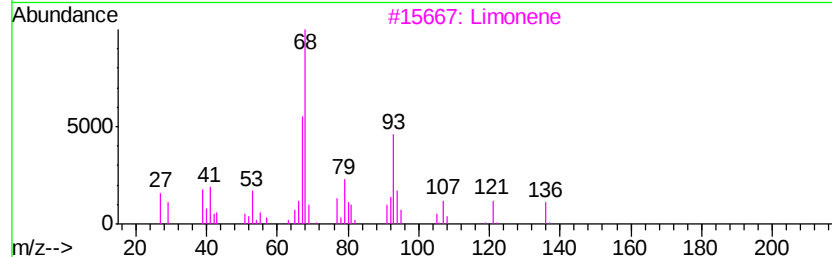
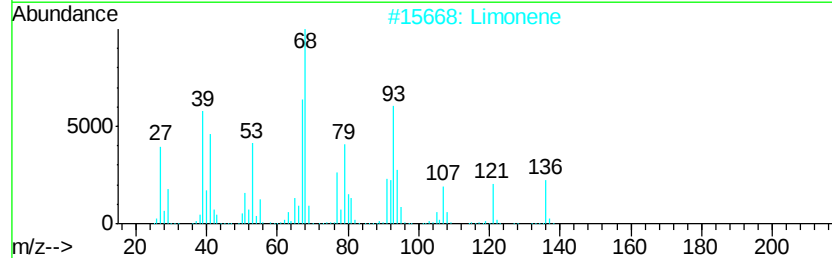
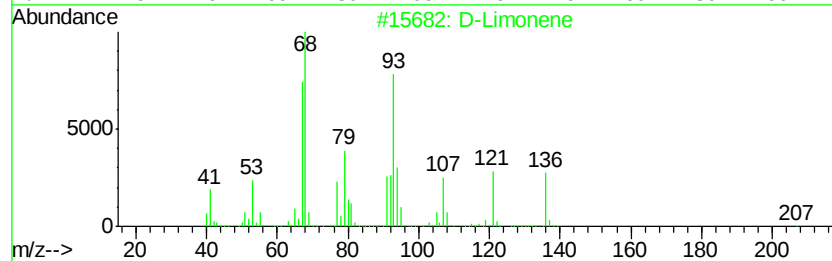
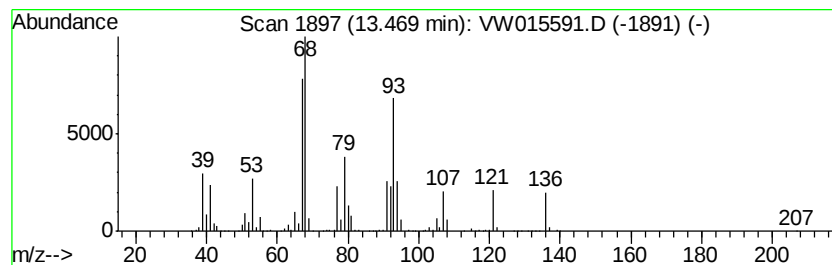
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Quant Title : VOC Analysis

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

Peak Number 15 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	111.05 ug/L	2911960	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	97
2		Limonene	136	C10H16	000138-86-3	94
3		Limonene	136	C10H16	000138-86-3	91
4		D-Limonene	136	C10H16	005989-27-5	89
5		D-Limonene	136	C10H16	005989-27-5	89



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K2

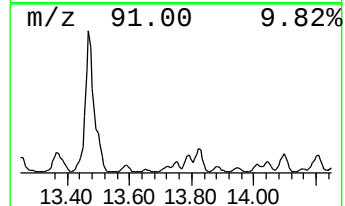
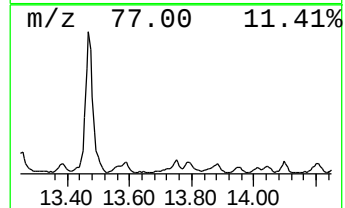
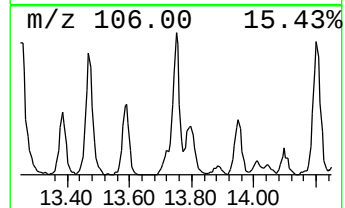
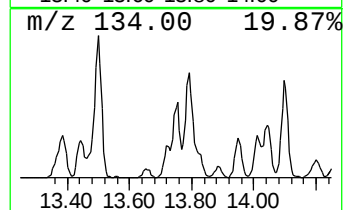
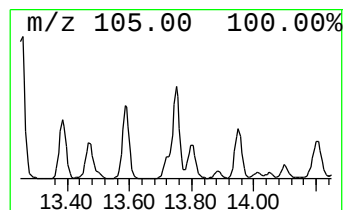
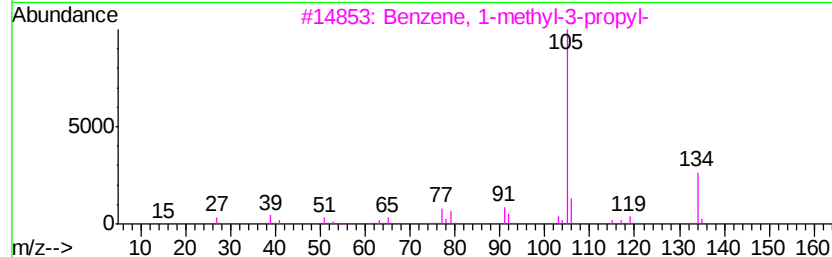
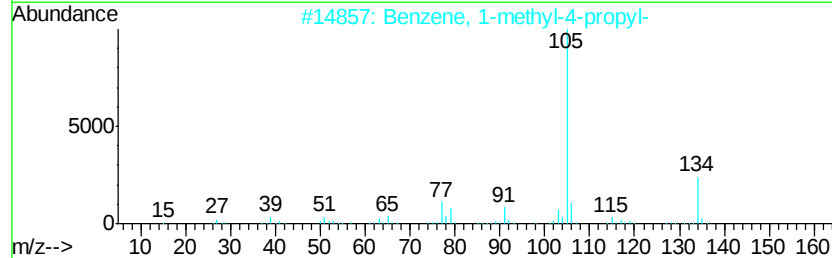
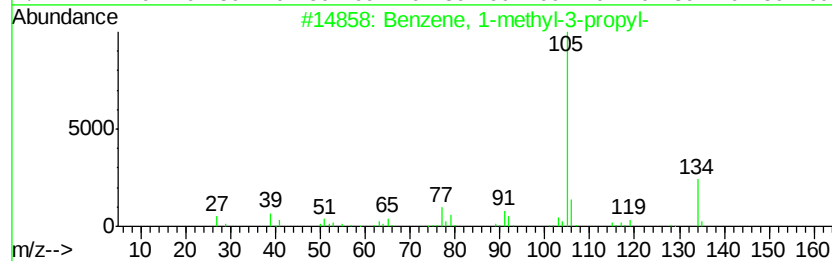
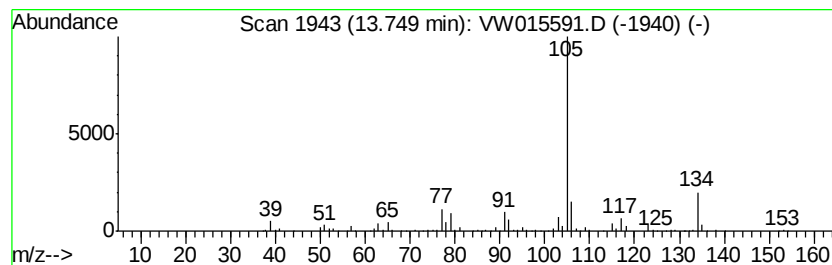
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1-methyl-3-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.43 ug/L	89893	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K2

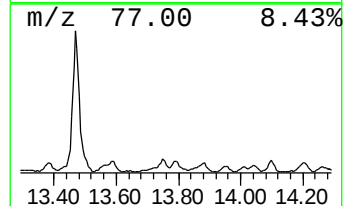
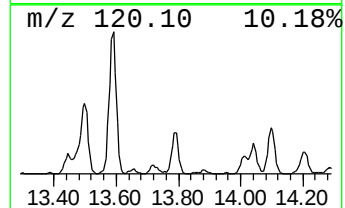
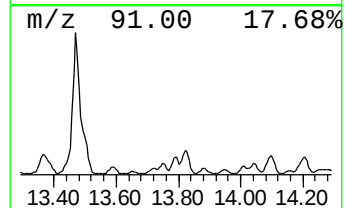
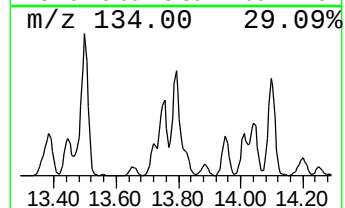
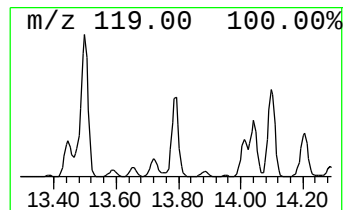
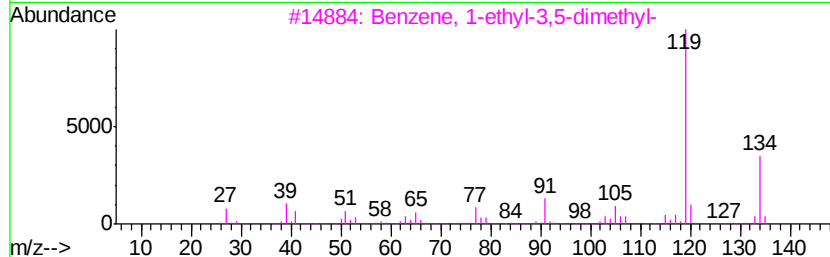
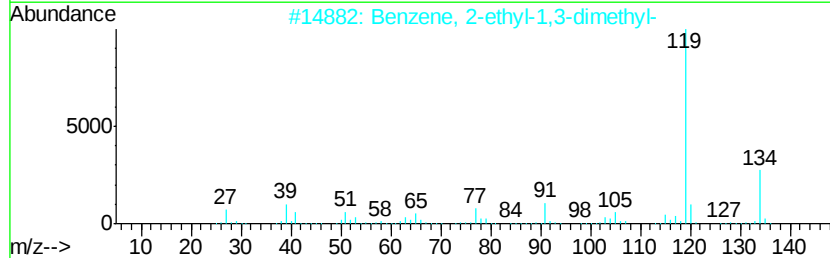
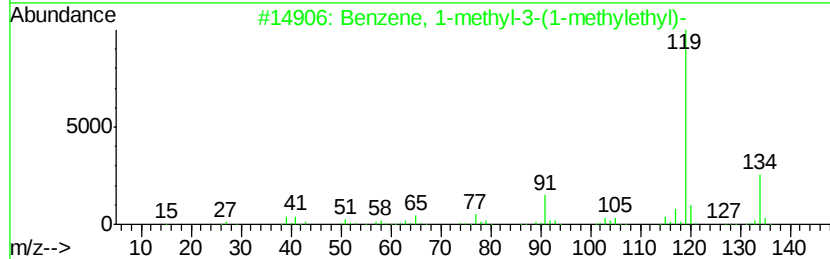
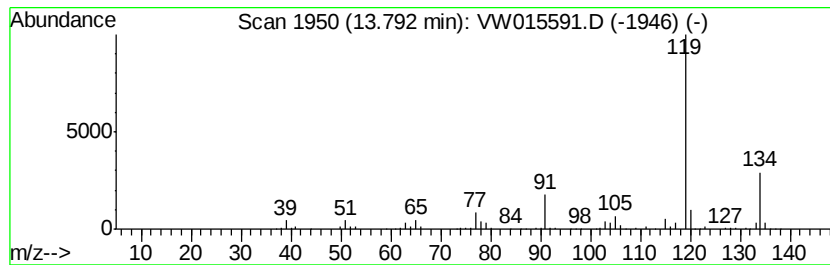
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	4.33 ug/L	113431	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	91
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5		o-Cymene	134	C10H14	000527-84-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K2

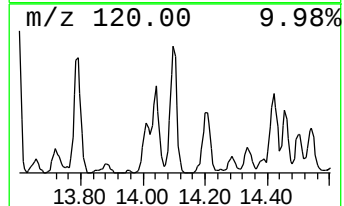
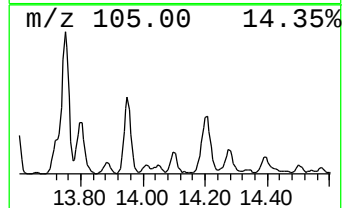
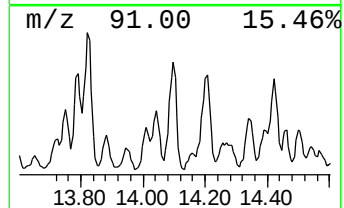
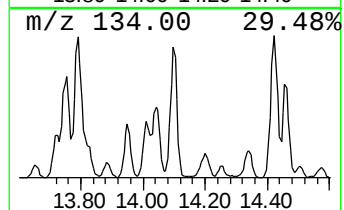
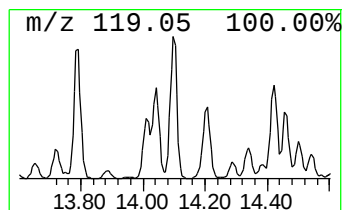
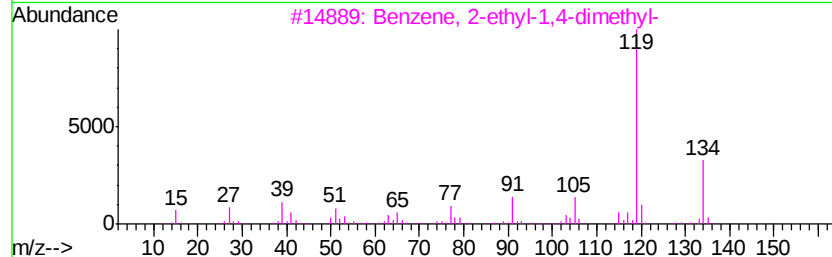
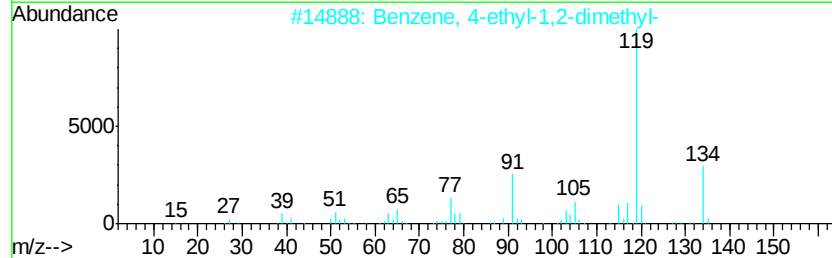
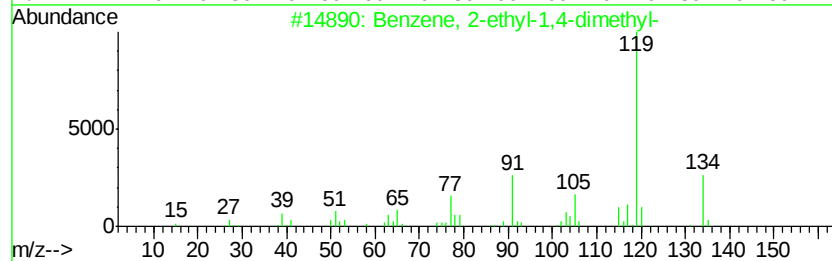
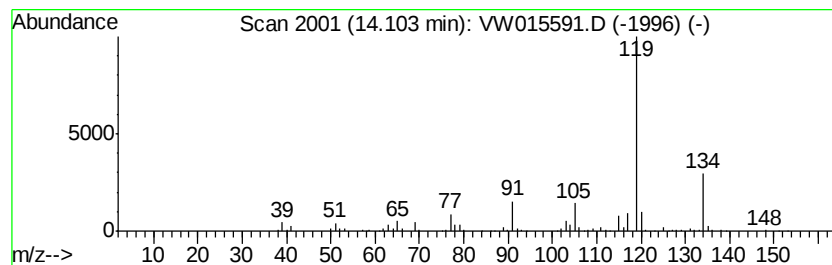
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	8.34 ug/L	218667	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K2

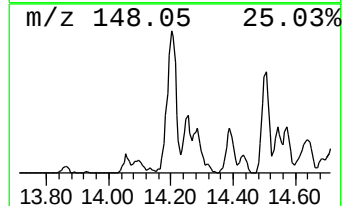
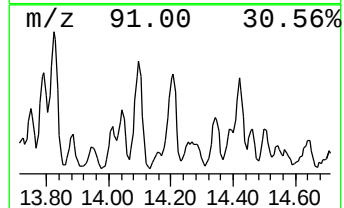
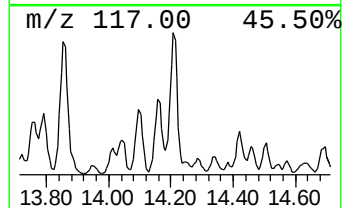
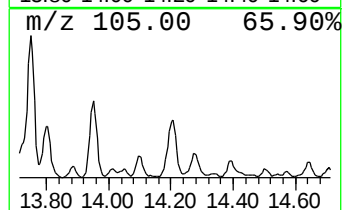
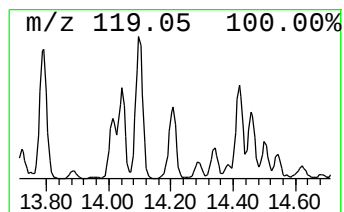
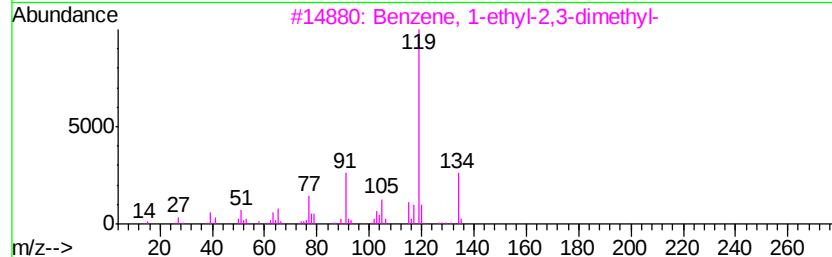
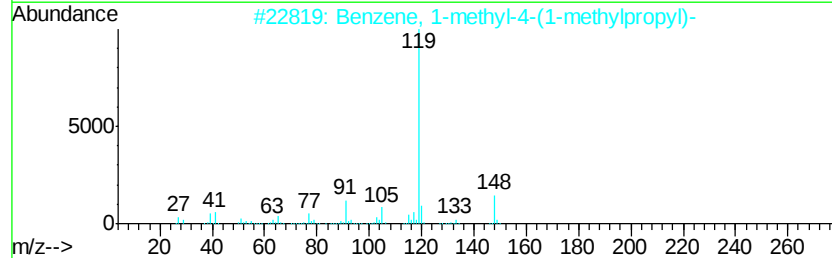
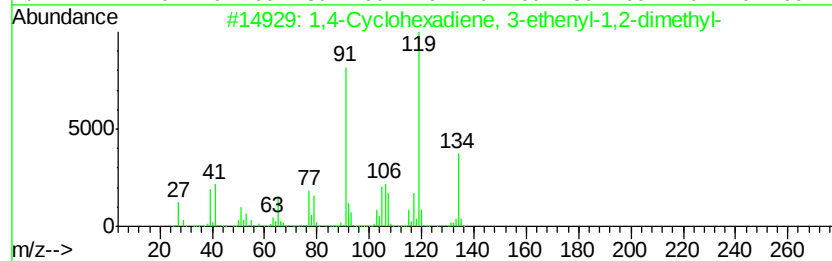
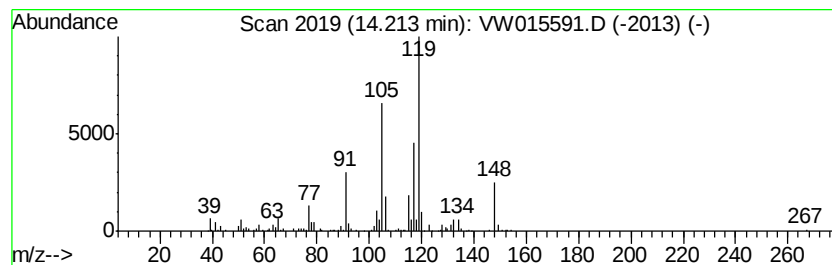
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Quant Title : VOC Analysis

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

Peak Number 19 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	6.24 ug/L	163527	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	64
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53
4		1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	52
5		4'-Methylpropiophenone	148	C10H12O	005337-93-9	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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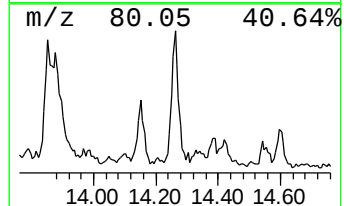
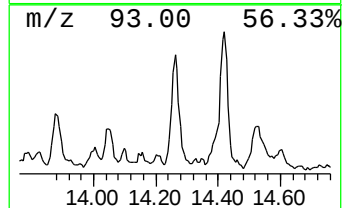
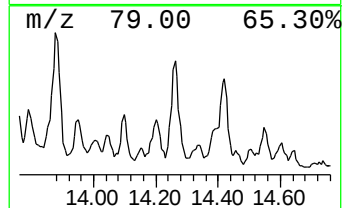
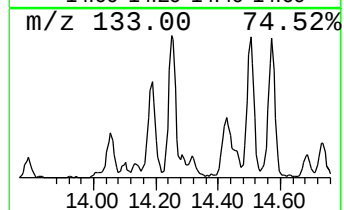
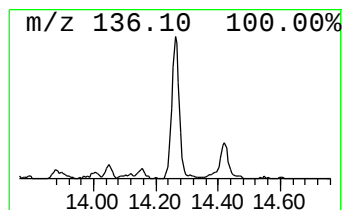
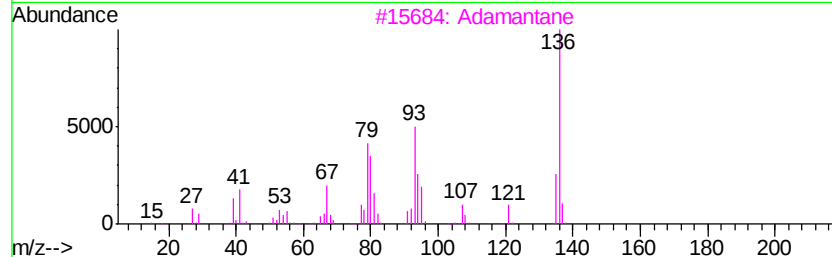
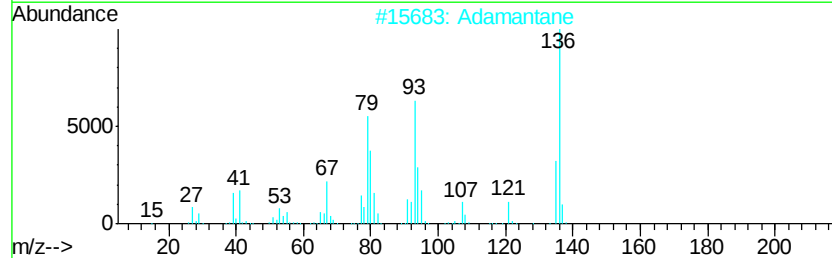
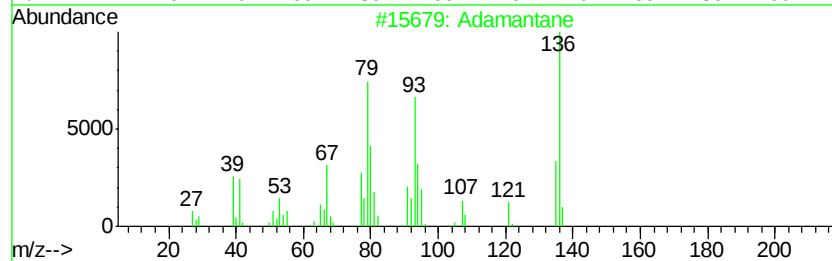
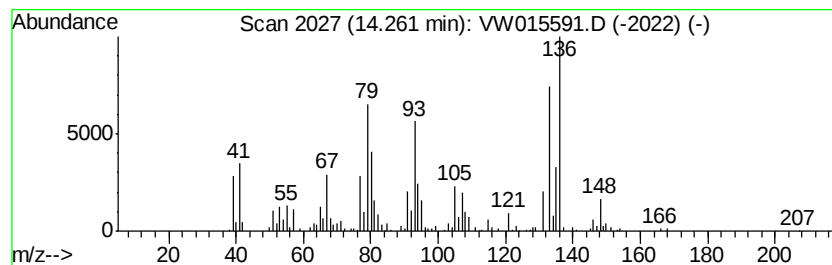
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Quant Title : VOC Analysis

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

Peak Number 20 Adamantane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	5.06 ug/L	132710	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane	136	C10H16	000281-23-2	91
2		Adamantane	136	C10H16	000281-23-2	83
3		Adamantane	136	C10H16	000281-23-2	60
4		1,3-Methanopentalene, octahydro-	122	C9H14	013913-22-9	25
5		Bicyclo[3.2.0]heptane, 2-methylene-	108	C8H12	089243-94-7	20



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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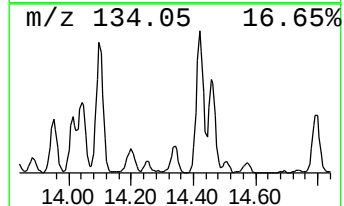
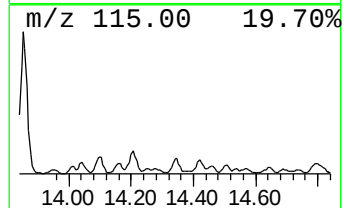
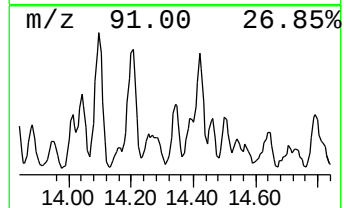
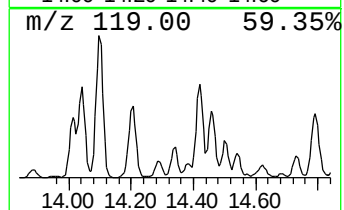
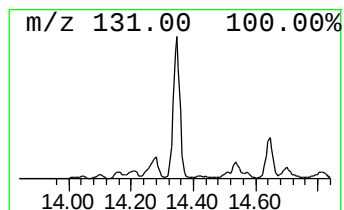
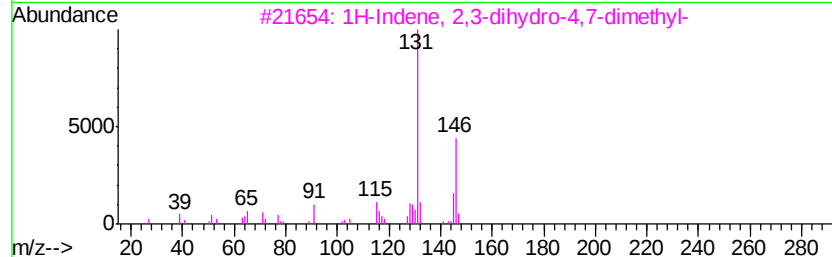
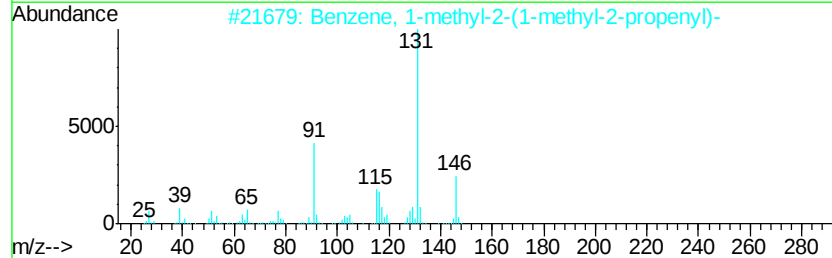
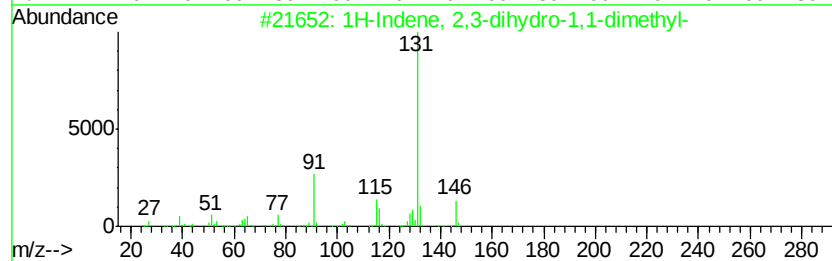
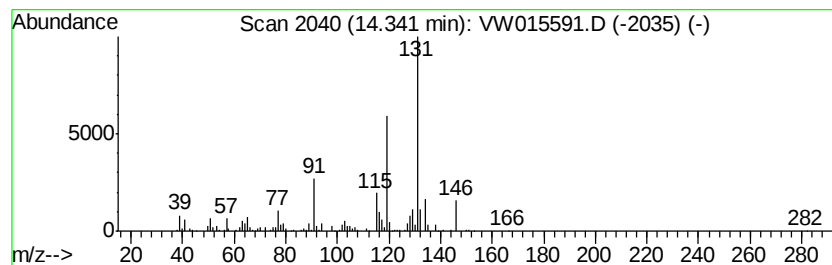
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Quant Title : VOC Analysis

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

Peak Number 21 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.93 ug/L	103102	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
2		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	62
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58
4		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	58
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

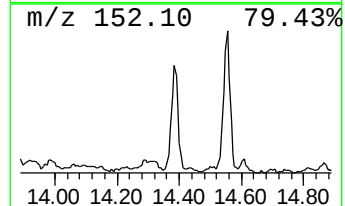
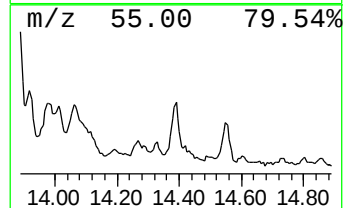
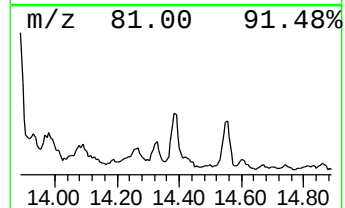
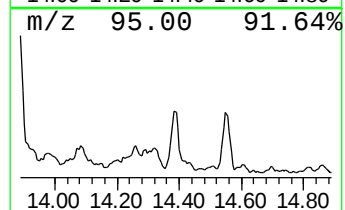
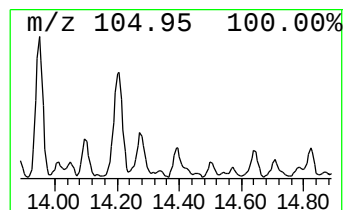
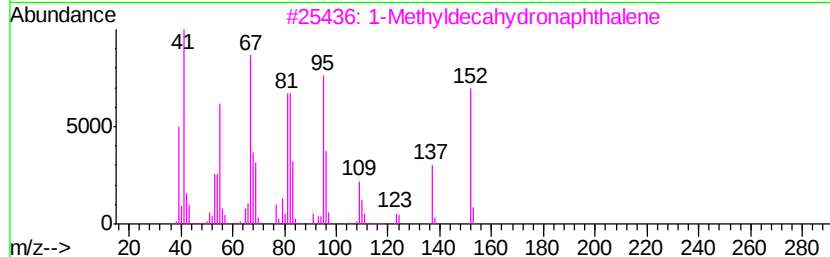
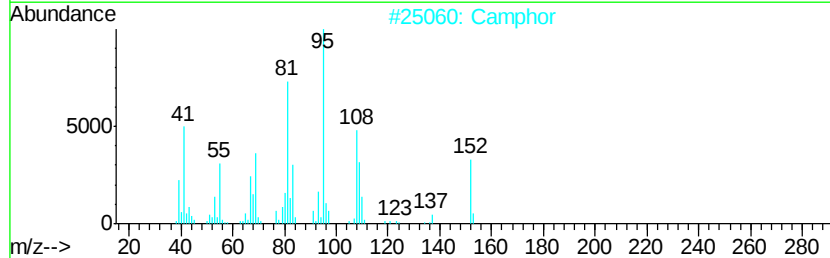
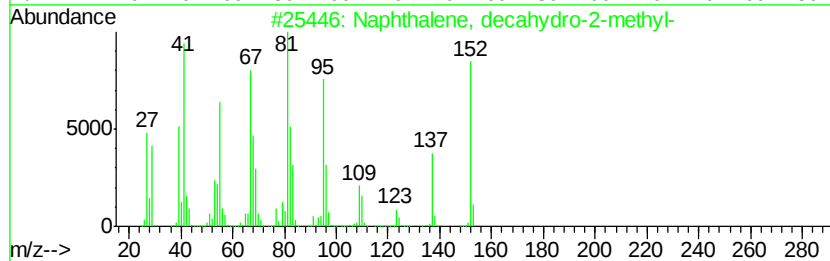
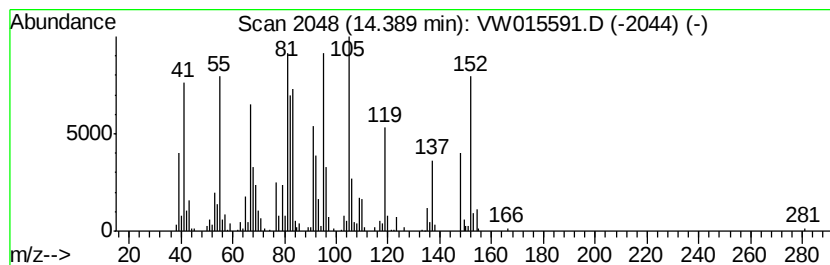
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 22 Naphthalene, decahydro-2-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	4.36 ug/L	114201	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 55
2		Camphor	152 C10H16O	000076-22-2 49
3		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 46
4		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 46
5		(+)-2-Bornanone	152 C10H16O	000464-49-3 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K2

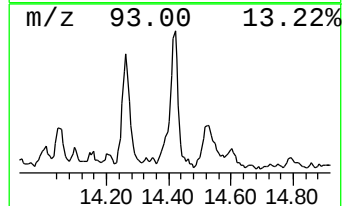
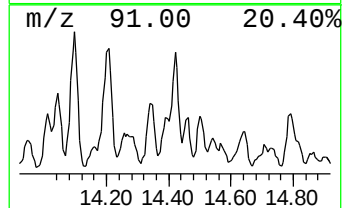
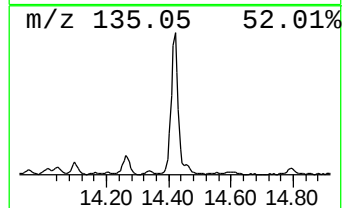
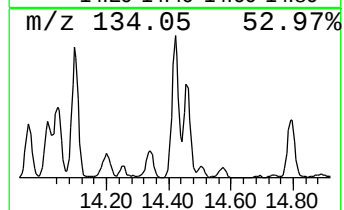
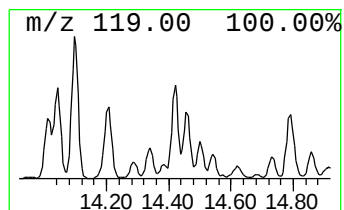
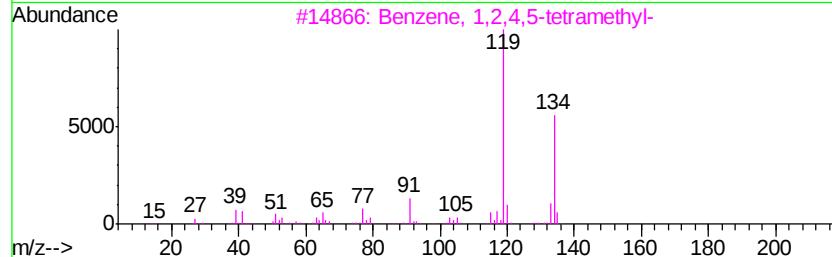
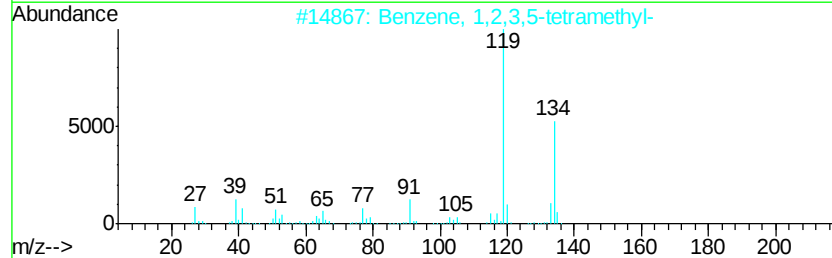
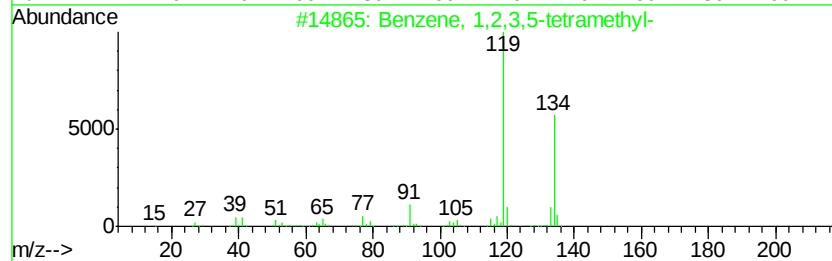
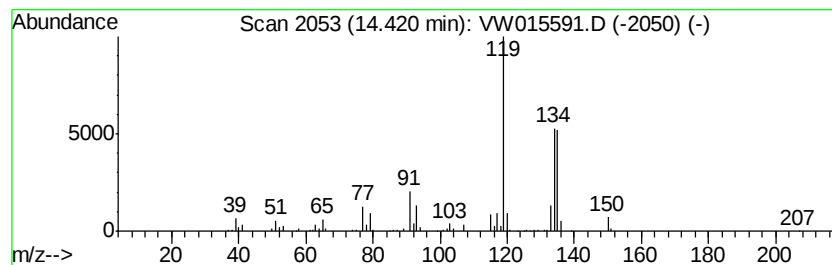
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	6.56 ug/L	172128	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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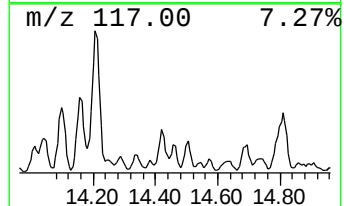
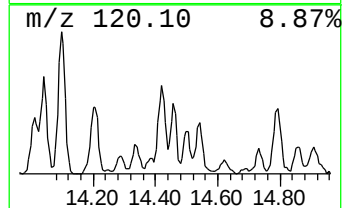
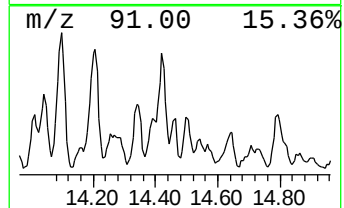
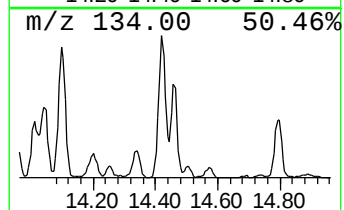
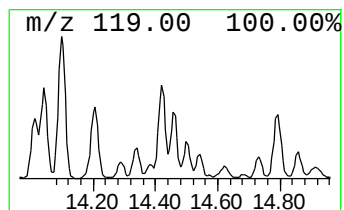
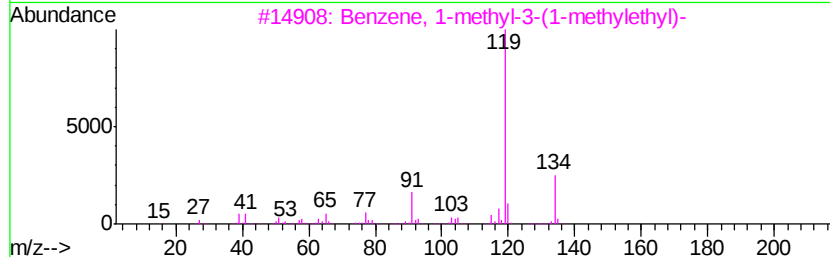
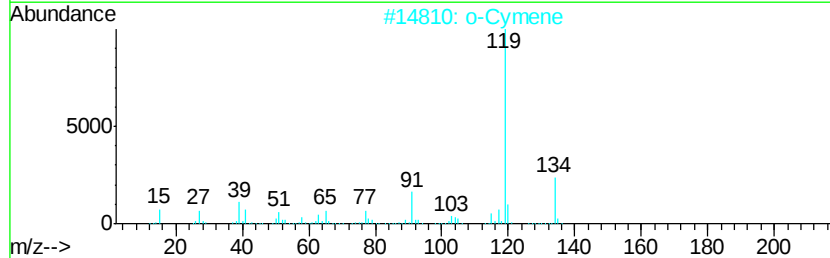
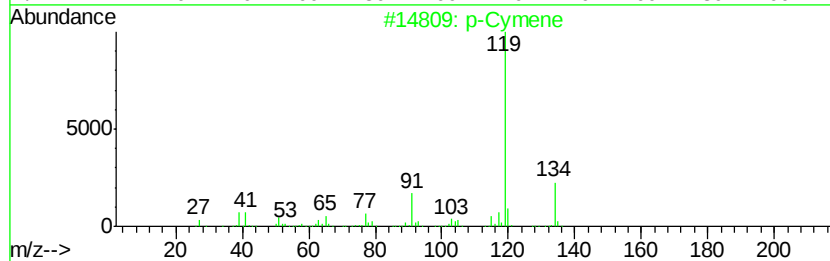
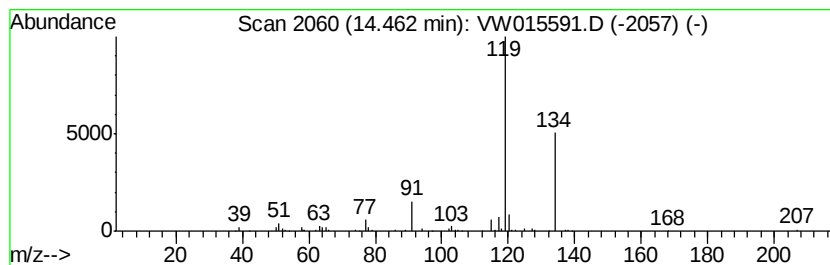
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Quant Title : VOC Analysis

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

Peak Number 24 p-Cymene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.12 ug/L	55485	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	91
2		o-Cymene	134	C10H14	000527-84-4	91
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
4		p-Cymene	134	C10H14	000099-87-6	91
5		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K2

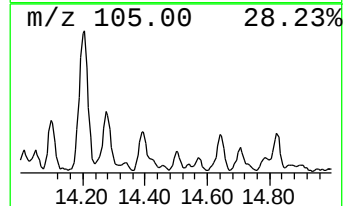
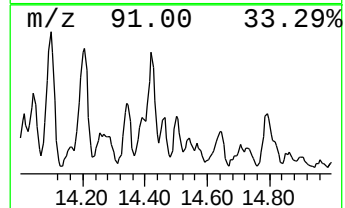
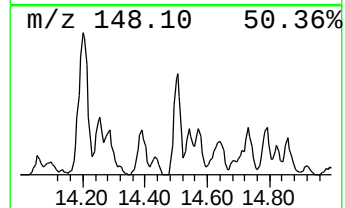
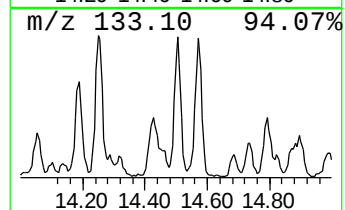
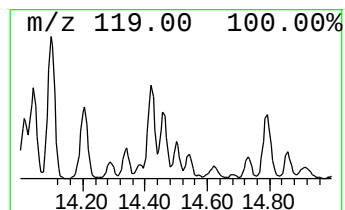
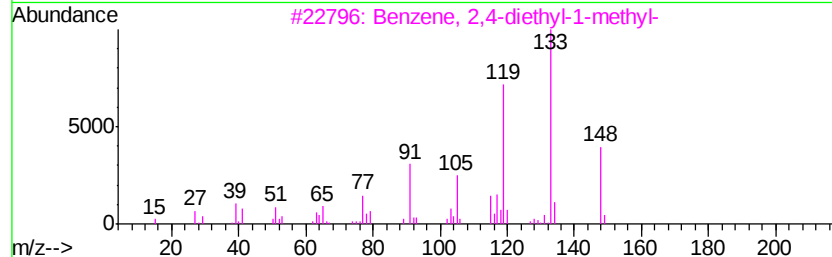
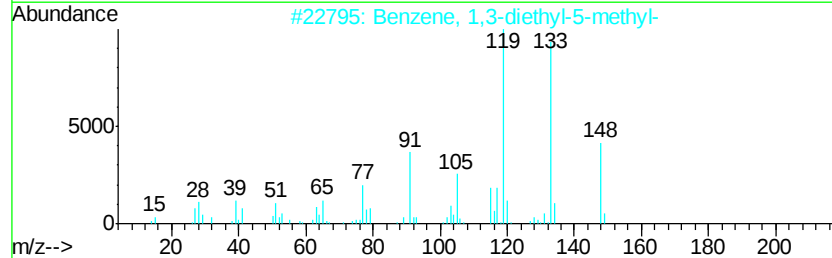
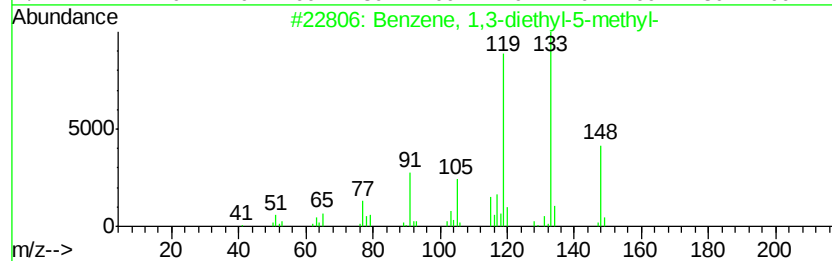
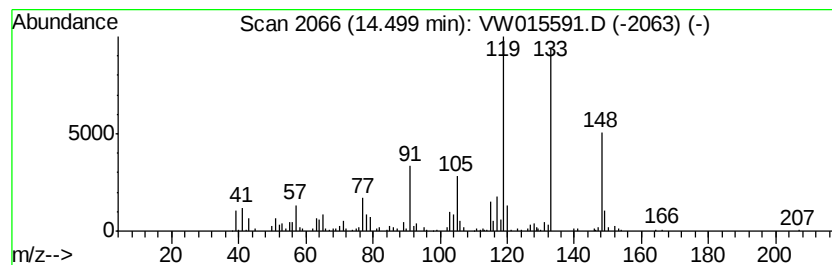
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.75 ug/L	72014	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	97
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	96
3		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	58
4		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	49
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K2

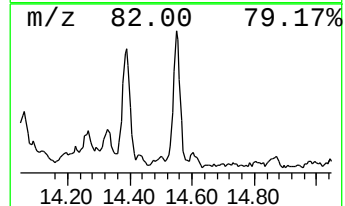
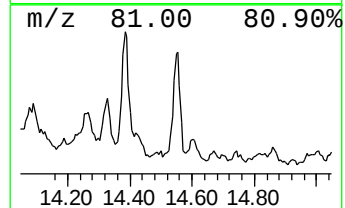
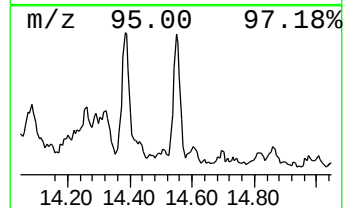
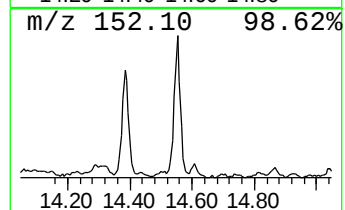
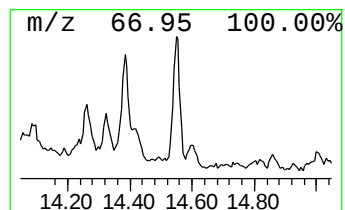
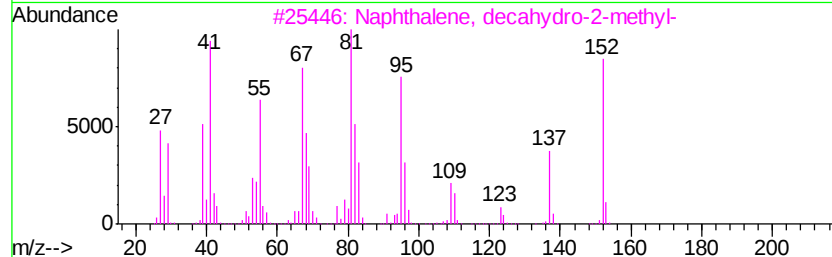
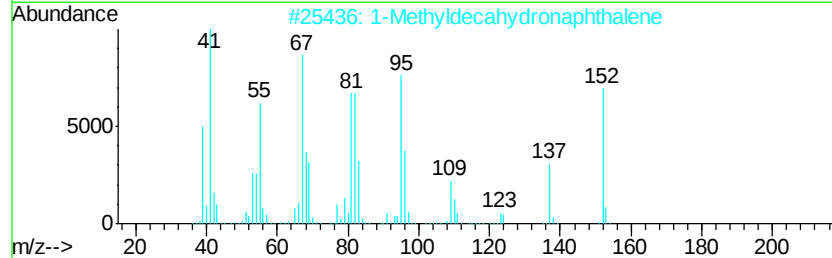
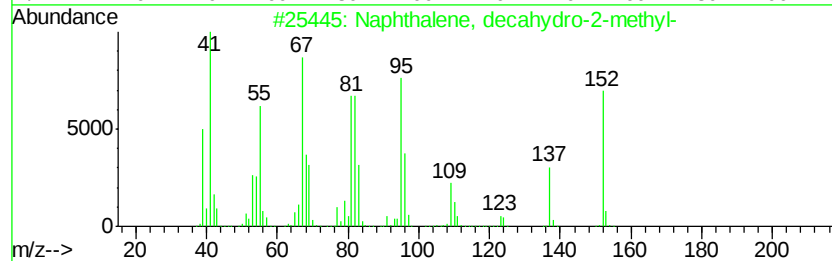
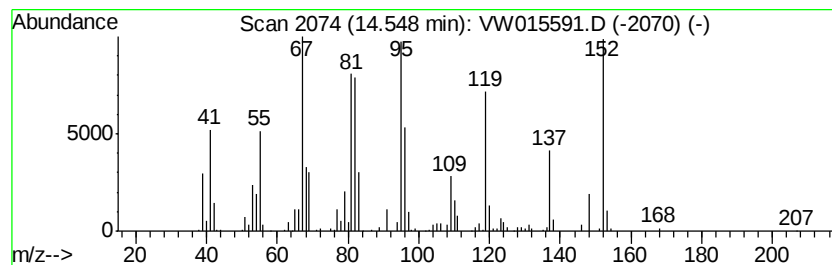
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Quant Title : VOC Analysis

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

Peak Number 26 1-Methyldecahydronaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	4.87 ug/L	127644	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	78
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
5		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K2

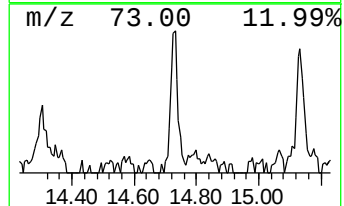
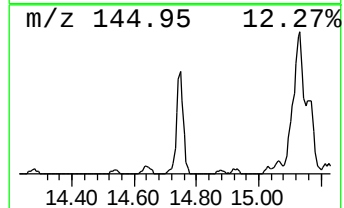
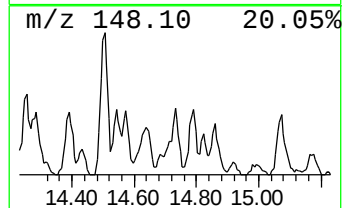
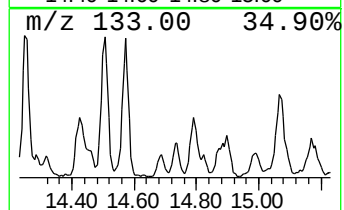
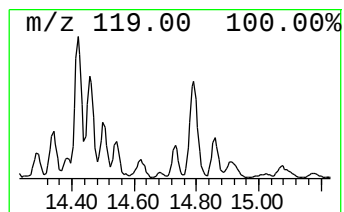
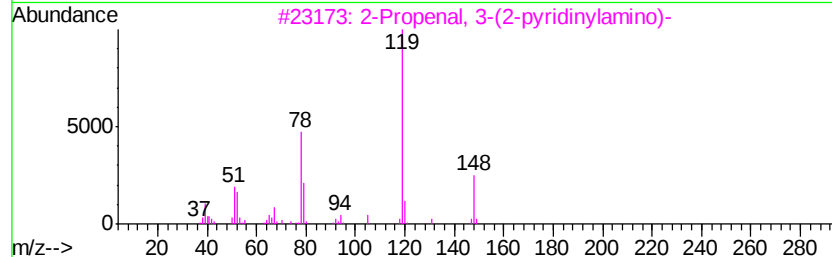
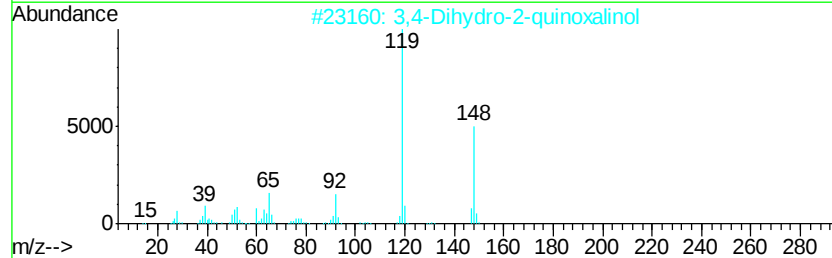
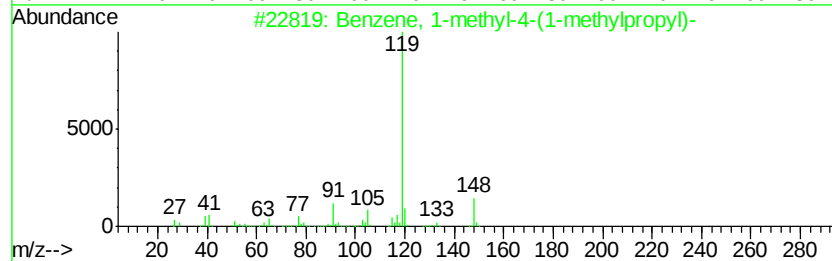
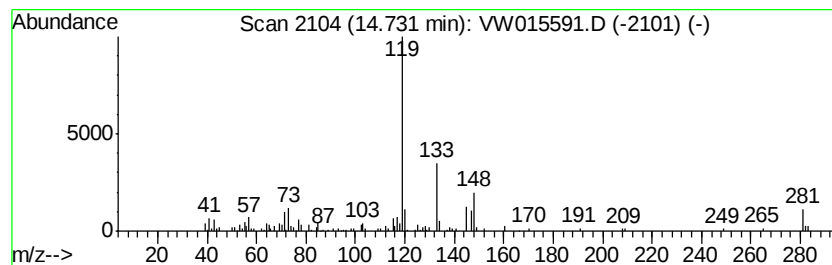
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1-methyl-4-(1-meth... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	1.68 ug/L	44055	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	52
2			3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	52
3			2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	50
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K2

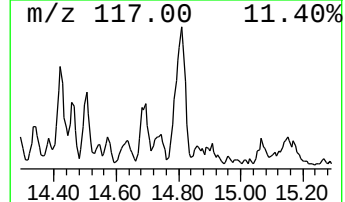
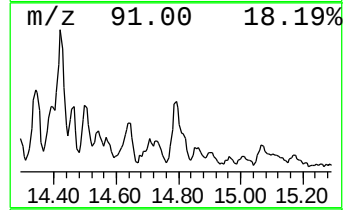
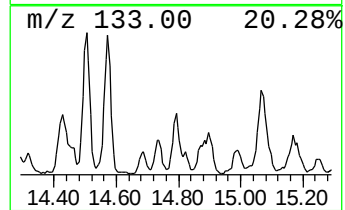
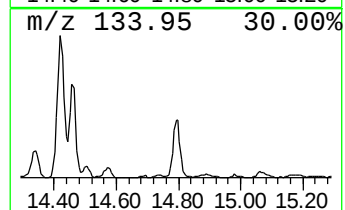
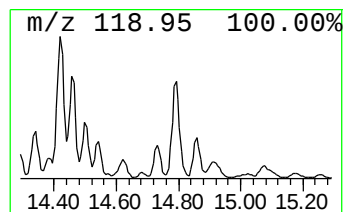
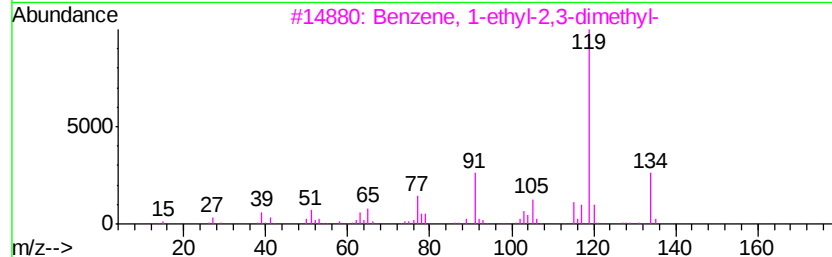
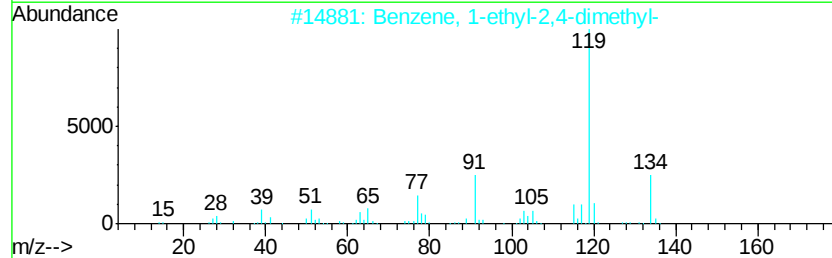
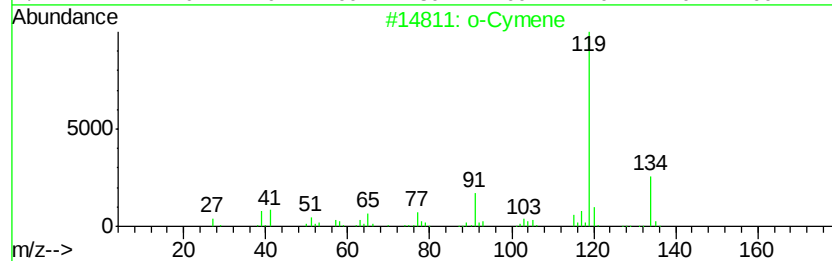
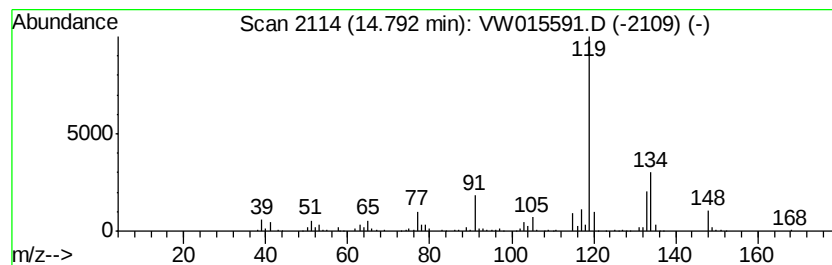
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Quant Title : VOC Analysis

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

Peak Number 28 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.55 ug/L	119336	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4		p-Cymene	134	C10H14	000099-87-6	90
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	89



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015591.D
Acq On : 11 Jun 2020 15:51
Operator : SY/VA
Sample : L2959-08
Misc : 3.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K2

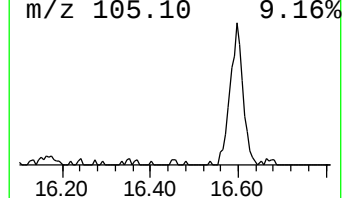
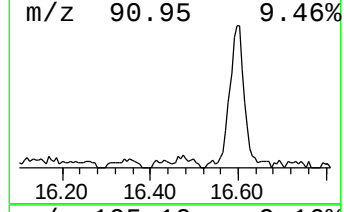
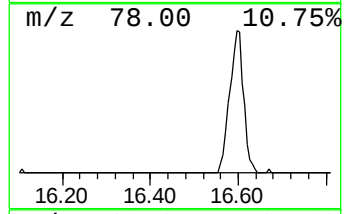
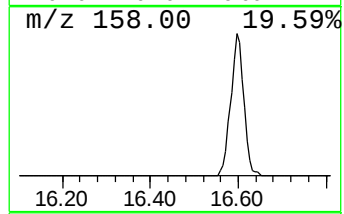
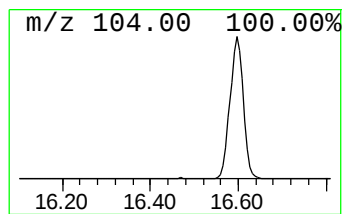
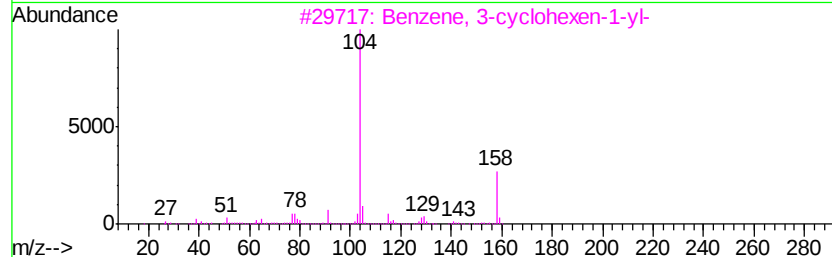
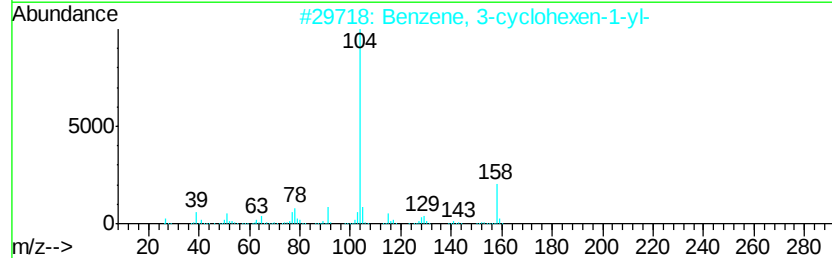
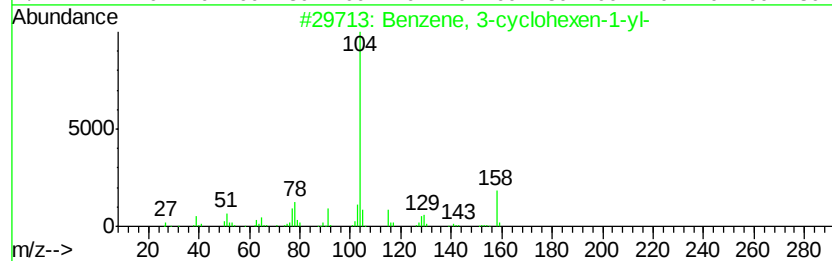
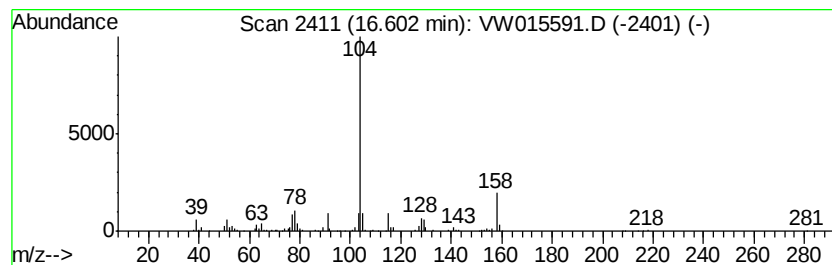
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Quant Title : VOC Analysis

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

Peak Number 29 Benzene, 3-cyclohexen-1-yl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	5.03 ug/L	131926	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	95
2		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	94
3		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	87
4		Monomethyl 3-phenylcyclobutane-1...	234	C13H14O4	1000100-51-7	83
5		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	74



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061120\
 Data File : VW015591.D
 Acq On : 11 Jun 2020 15:51
 Operator : SY/VA
 Sample : L2959-08
 Misc : 3.32G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.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
(DEL) Alkane: Cyc...	11.23	2.4	ug/L	82262	2	11.63	853138	25.0
(DEL) Alkane: Cyc...	11.44	3.4	ug/L	116650	2	11.63	853138	25.0
(DEL) Alkane: Str...	12.26	2.9	ug/L	99513	2	11.63	853138	25.0
(DEL) Alkane: Cyc...	12.30	1.7	ug/L	58377	2	11.63	853138	25.0
Bicyclo[3.3.1]nonane	12.34	5.2	ug/L	176671	2	11.63	853138	25.0
(DEL) Alkane: Cyc...	12.78	19.8	ug/L	518750	3	13.56	655555	25.0
unknown-01	12.87	10.3	ug/L	270163	3	13.56	655555	25.0
Benzene, 1,2,4-tr...	12.94	24.3	ug/L	638104	3	13.56	655555	25.0
(DEL) Alkane: Str...	13.08	3.8	ug/L	98473	3	13.56	655555	25.0
unknown-02	13.17	10.5	ug/L	275234	3	13.56	655555	25.0
Benzene, 1,2,3-tr...	13.26	12.2	ug/L	320634	3	13.56	655555	25.0
Benzeneacetaldehy...	13.38	4.8	ug/L	127022	3	13.56	655555	25.0
D-Limonene	13.47	111.1	ug/L	2911960	3	13.56	655555	25.0
Benzene, 1-methyl...	13.75	3.4	ug/L	89893	3	13.56	655555	25.0
Benzene, 1-methyl...	13.79	4.3	ug/L	113431	3	13.56	655555	25.0
Benzene, 2-ethyl-...	14.10	8.3	ug/L	218667	3	13.56	655555	25.0
1,4-Cyclohexadien...	14.21	6.2	ug/L	163527	3	13.56	655555	25.0
Adamantane	14.26	5.1	ug/L	132710	3	13.56	655555	25.0
1H-Indene, 2,3-di...	14.34	3.9	ug/L	103102	3	13.56	655555	25.0
Naphthalene, deca...	14.39	4.4	ug/L	114201	3	13.56	655555	25.0
Benzene, 1,2,3,5-...	14.42	6.6	ug/L	172128	3	13.56	655555	25.0
p-Cymene	14.46	2.1	ug/L	55485	3	13.56	655555	25.0
Benzene, 1,3-diet...	14.50	2.8	ug/L	72014	3	13.56	655555	25.0
1-Methyldecahydro...	14.55	4.9	ug/L	127644	3	13.56	655555	25.0
Benzene, 1-methyl...	14.73	1.7	ug/L	44055	3	13.56	655555	25.0
o-Cymene	14.79	4.5	ug/L	119336	3	13.56	655555	25.0
Benzene, 3-cycloh...	16.60	5.0	ug/L	131926	3	13.56	655555	25.0