

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040820\
 Data File : VW015166.D
 Acq On : 08 Apr 2020 13:08
 Operator : SY/VA
 Sample : L2176-06
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2J2

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\SOM2WLM032520S.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	2.355	68	74	83	rBV	220972	391843	13.64%	1.306%
2	2.891	156	162	175	rVB	167075	383560	13.36%	1.278%
3	3.513	261	264	265	rBV3	1241	1417	0.05%	0.005%
4	3.531	265	267	269	rVV4	2042	2092	0.07%	0.007%
5	3.556	269	271	273	rVV3	2604	2767	0.10%	0.009%
6	3.684	291	292	297	rBV4	703	1151	0.04%	0.004%
7	3.763	303	305	308	rBV4	1334	1281	0.04%	0.004%
8	3.836	315	317	320	rVV4	1129	1296	0.05%	0.004%
9	3.897	325	327	331	rVB5	1359	1869	0.07%	0.006%
10	4.019	336	347	359	rBV	329106	950714	33.11%	3.168%
11	4.123	359	364	375	rVV	25937	73316	2.55%	0.244%
12	4.202	375	377	380	rVB3	1219	1104	0.04%	0.004%
13	4.391	399	408	417	rBV2	13376	43523	1.52%	0.145%
14	4.489	422	424	427	rVB4	1185	1358	0.05%	0.005%
15	4.611	438	444	447	rBV6	2062	4112	0.14%	0.014%
16	4.921	484	495	503	rBV3	10444	34675	1.21%	0.116%
17	5.056	515	517	519	rVB3	1132	1108	0.04%	0.004%
18	5.165	530	535	538	rVV6	1898	4512	0.16%	0.015%
19	5.427	572	578	580	rBV5	1185	1689	0.06%	0.006%
20	5.555	597	599	602	rBV4	1119	1182	0.04%	0.004%
21	5.696	618	622	626	rBV5	939	1601	0.06%	0.005%
22	5.787	628	637	640	rBV6	4054	11839	0.41%	0.039%
23	5.927	656	660	661	rBV3	2414	3067	0.11%	0.010%
24	6.110	684	690	691	rBV5	1597	2403	0.08%	0.008%
25	6.433	741	743	745	rBV3	1514	1440	0.05%	0.005%
26	6.519	754	757	758	rBV2	1133	1524	0.05%	0.005%
27	6.909	810	821	830	rBV5	15665	52109	1.81%	0.174%
28	7.080	840	849	853	rBV	67020	179433	6.25%	0.598%
29	7.439	906	908	912	rVB4	1612	1798	0.06%	0.006%
30	7.506	916	919	920	rBV3	1492	1387	0.05%	0.005%
31	7.537	920	924	927	rVB6	1469	2385	0.08%	0.008%
32	7.647	931	942	956	rBV	474997	1171453	40.79%	3.904%
33	7.799	964	967	970	rBV4	1538	1871	0.07%	0.006%
34	7.878	976	980	981	rBV4	1190	1309	0.05%	0.004%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Sampling : 1
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Title : VOC Analysis

35	7.945	986	991	1002	rVB9	4817	12402	0.43%	0.041%
36	8.031	1002	1005	1009	rBV4	1383	2265	0.08%	0.008%
37	8.153	1021	1025	1032	rBV10	1606	3096	0.11%	0.010%
38	8.275	1032	1045	1062	rBV2	988374	2871740	100.00%	9.571%
39	8.695	1108	1114	1121	rVB5	4143	8222	0.29%	0.027%
40	8.841	1129	1138	1149	rBV	874949	1723784	60.03%	5.745%
41	9.030	1166	1169	1170	rVV3	3959	4541	0.16%	0.015%
42	9.079	1172	1177	1181	rVV6	8114	17502	0.61%	0.058%
43	9.146	1185	1188	1192	rVB5	2657	3192	0.11%	0.011%
44	9.274	1200	1209	1224	rBV	687067	1414613	49.26%	4.714%
45	9.384	1225	1227	1229	rBV2	3150	2966	0.10%	0.010%
46	9.506	1243	1247	1254	rVB6	4114	7117	0.25%	0.024%
47	9.610	1254	1264	1268	rBV6	7658	20397	0.71%	0.068%
48	9.665	1269	1273	1281	rVB9	4121	8881	0.31%	0.030%
49	9.756	1281	1288	1295	rVB5	13683	31108	1.08%	0.104%
50	9.817	1295	1298	1302	rVB6	1664	2203	0.08%	0.007%
51	9.902	1302	1312	1315	rBV5	12722	28774	1.00%	0.096%
52	9.957	1316	1321	1324	rBV3	9243	15861	0.55%	0.053%
53	10.036	1327	1334	1341	rBV	318183	559622	19.49%	1.865%
54	10.213	1357	1363	1367	rBV	21056	43280	1.51%	0.144%
55	10.323	1373	1381	1398	rBV	1337520	2361336	82.23%	7.870%
56	10.494	1404	1409	1417	rVB6	17700	38326	1.33%	0.128%
57	10.579	1417	1423	1428	rBV	205781	359563	12.52%	1.198%
58	10.664	1432	1437	1440	rVV2	40060	67997	2.37%	0.227%
59	10.701	1441	1443	1448	rVB	38158	55052	1.92%	0.183%
60	10.762	1448	1453	1456	rBV3	22280	37755	1.31%	0.126%
61	10.926	1472	1480	1491	rBV2	294246	547765	19.07%	1.826%
62	11.036	1493	1498	1499	rBV	40645	55970	1.95%	0.187%
63	11.109	1507	1510	1513	rBV5	18136	25155	0.88%	0.084%
64	11.176	1518	1521	1525	rVV2	24171	30308	1.06%	0.101%
65	11.231	1525	1530	1535	rVB	112640	189706	6.61%	0.632%
66	11.286	1535	1539	1542	rBV2	21832	29008	1.01%	0.097%
67	11.335	1542	1547	1551	rBV4	51322	83790	2.92%	0.279%
68	11.402	1552	1558	1559	rVV4	36575	71955	2.51%	0.240%
69	11.432	1560	1563	1571	rVB2	108919	190199	6.62%	0.634%
70	11.512	1571	1576	1580	rBV	53897	85272	2.97%	0.284%
71	11.628	1588	1595	1604	rBV	1232642	2140838	74.55%	7.135%

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72	11.725	1608	1611	1614	rBV2	16159	22587	0.79%	0.075%
73	11.762	1614	1617	1621	rVB	45025	59641	2.08%	0.199%
74	11.829	1621	1628	1631	rBV3	76176	163512	5.69%	0.545%
75	11.871	1631	1635	1639	rBV	118630	185170	6.45%	0.617%
76	11.975	1647	1652	1654	rBV4	32257	53658	1.87%	0.179%
77	12.060	1659	1666	1671	rVB5	67124	158138	5.51%	0.527%
78	12.140	1671	1679	1685	rBV4	326911	819989	28.55%	2.733%
79	12.249	1694	1697	1701	rVB	270471	382788	13.33%	1.276%
80	12.304	1701	1706	1707	rBV2	151564	206062	7.18%	0.687%
81	12.359	1708	1715	1723	rVB3	303054	1013022	35.28%	3.376%
82	12.609	1751	1756	1761	rVB4	143129	323394	11.26%	1.078%
83	12.694	1764	1770	1775	rBV	477230	902804	31.44%	3.009%
84	12.780	1780	1784	1791	rVB3	417762	781730	27.22%	2.605%
85	12.859	1791	1797	1802	rBV5	224241	529854	18.45%	1.766%
86	12.926	1802	1808	1816	rBV2	698416	1720723	59.92%	5.735%
87	13.079	1829	1833	1837	rBV3	167541	250274	8.72%	0.834%
88	13.121	1837	1840	1843	rVV2	120077	178208	6.21%	0.594%
89	13.164	1843	1847	1856	rVB2	432583	822158	28.63%	2.740%
90	13.255	1858	1862	1865	rVV	153306	209725	7.30%	0.699%
91	13.554	1906	1911	1916	rBV	1004633	1698257	59.14%	5.660%
92	13.853	1954	1960	1969	rBV2	934787	2164012	75.36%	7.212%
93	14.200	2013	2017	2022	rVB2	112035	183015	6.37%	0.610%
94	14.261	2023	2027	2033	rVB8	57139	107424	3.74%	0.358%
95	14.383	2043	2047	2051	rBV2	113266	197182	6.87%	0.657%
96	14.499	2063	2066	2069	rBV4	30515	54040	1.88%	0.180%
97	14.548	2071	2074	2079	rVB4	98585	145943	5.08%	0.486%
98	14.792	2109	2114	2121	rBV4	61987	139736	4.87%	0.466%
99	15.432	2216	2219	2224	rVB	22886	34898	1.22%	0.116%
100	16.590	2405	2409	2411	rBV5	5205	8418	0.29%	0.028%

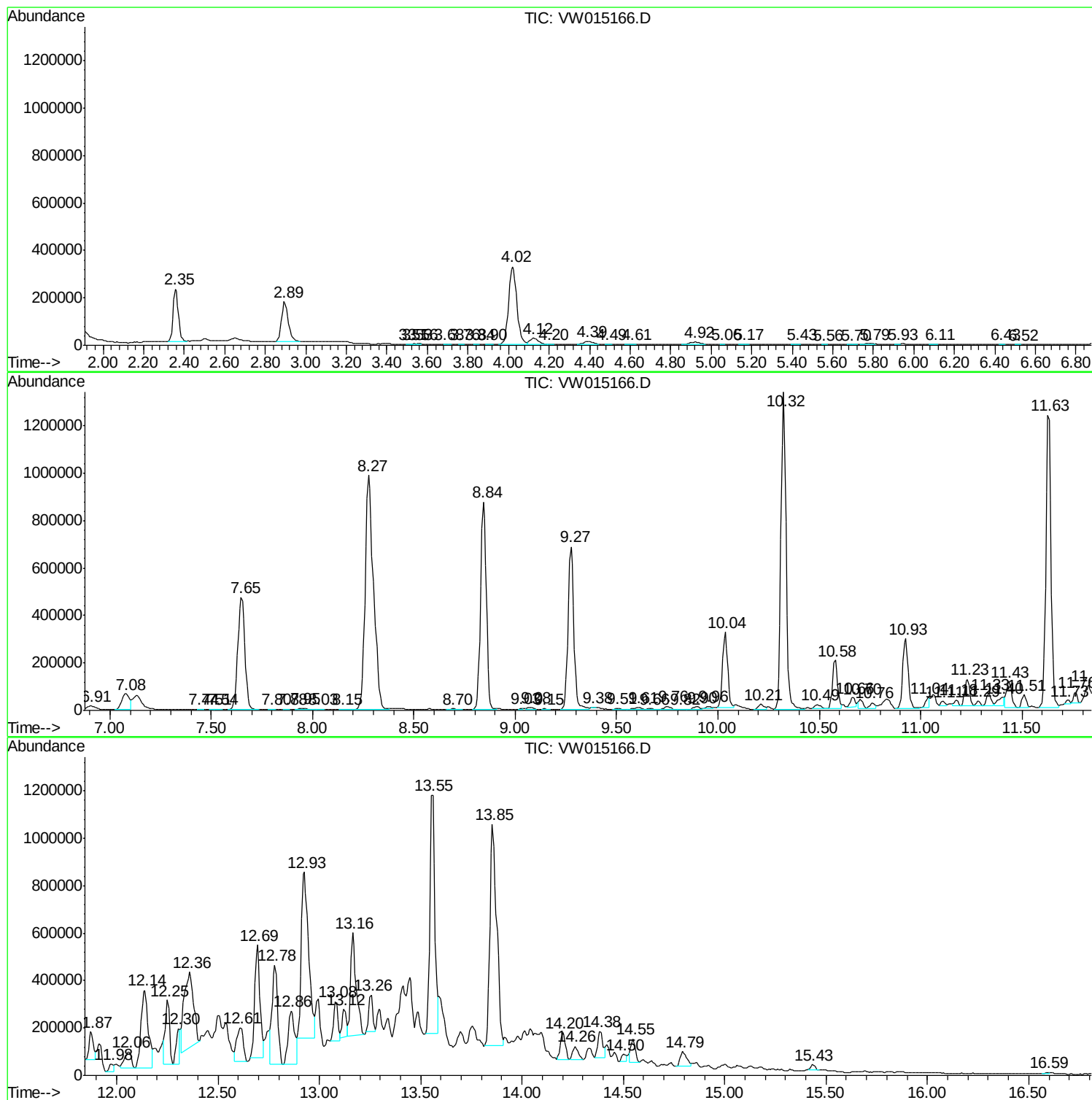
Sum of corrected areas: 30006111

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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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



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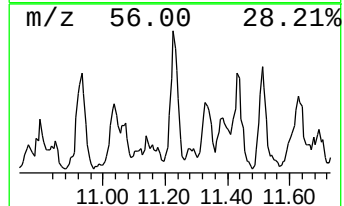
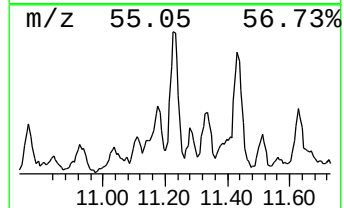
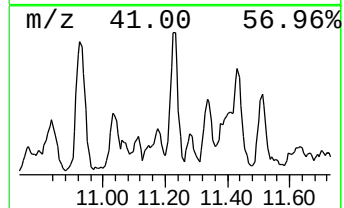
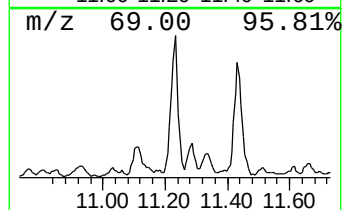
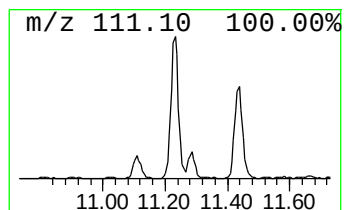
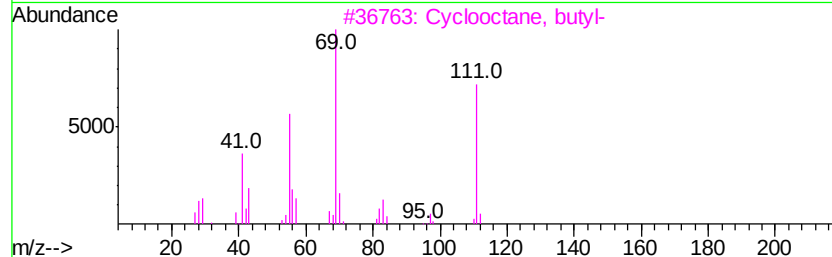
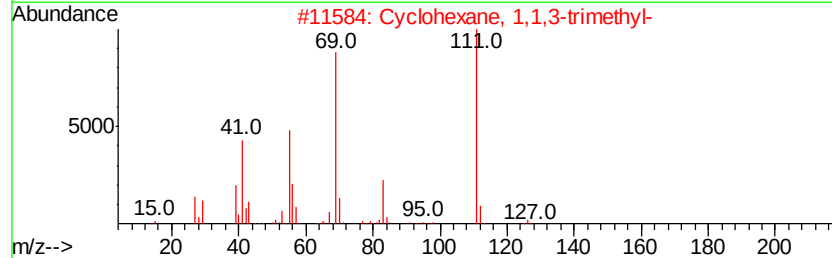
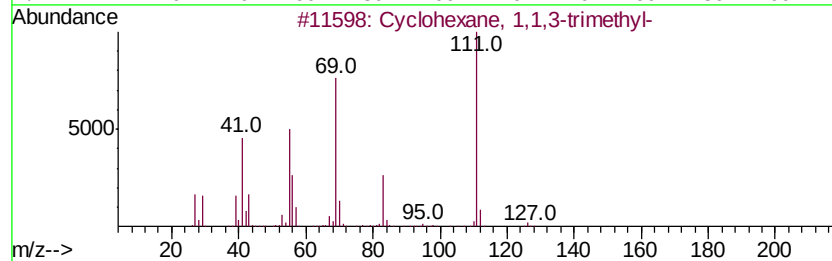
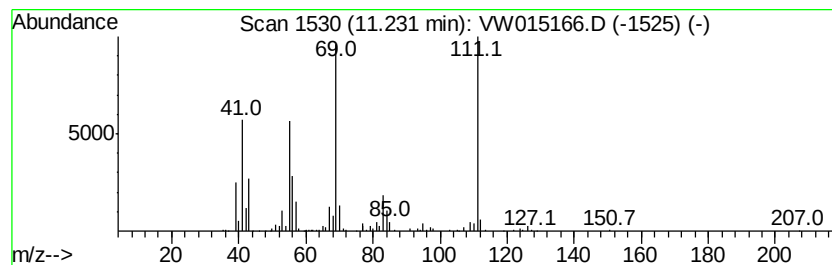
Instrument :
MSVOA_W
ClientSampleId :
BG2J2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.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 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.23	2.22 ug/L	189706	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	74
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	72
4	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	72
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64



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ALS Vial : 4 Sample Multiplier: 1

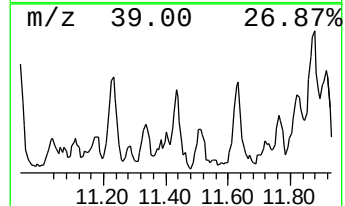
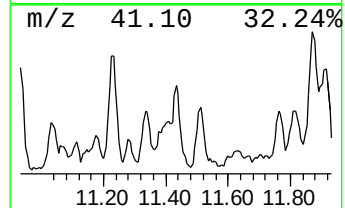
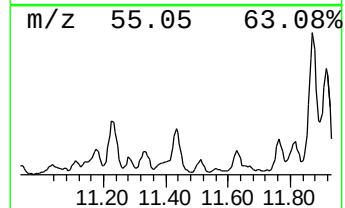
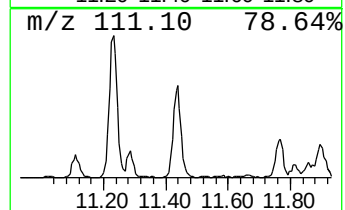
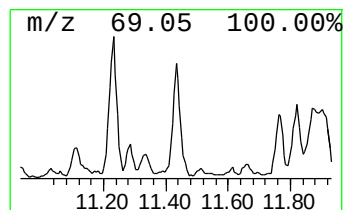
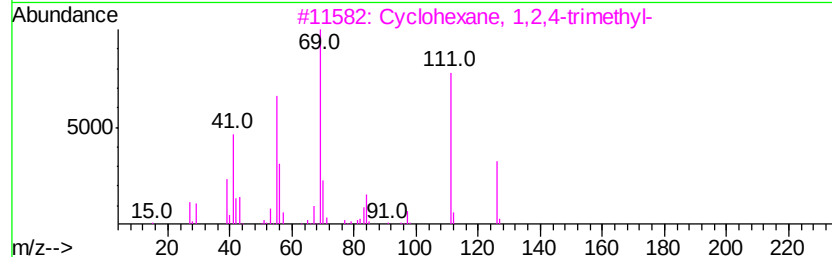
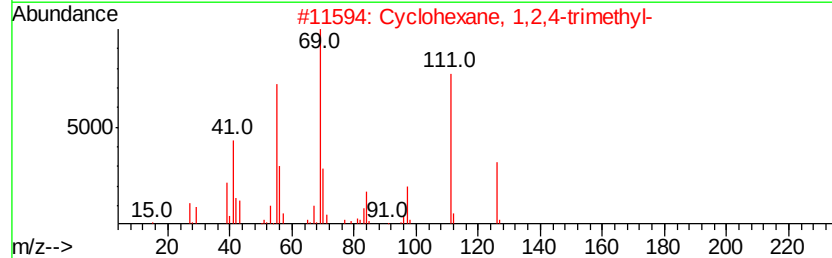
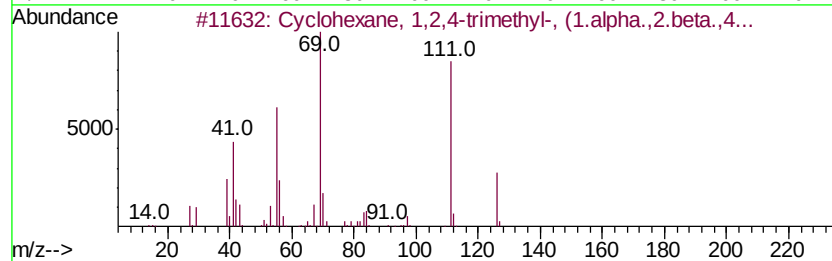
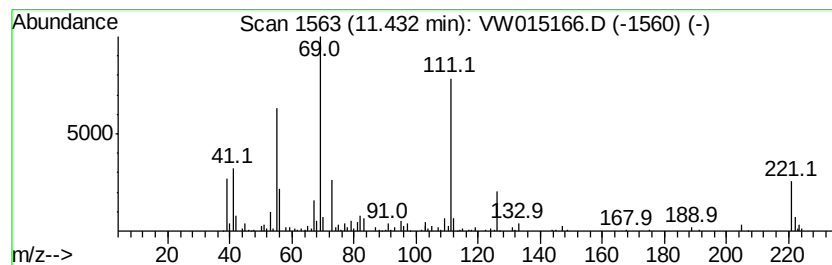
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic11.43 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.43	2.22 ug/L	190199	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	68
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	64
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	59
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	58
5		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	58



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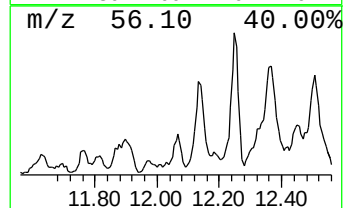
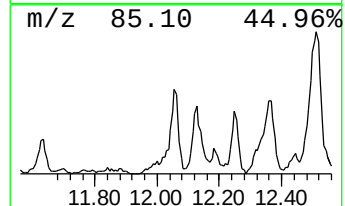
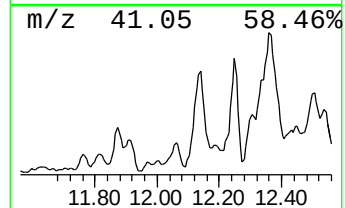
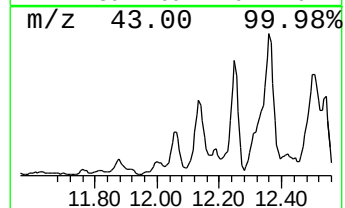
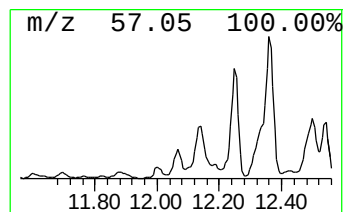
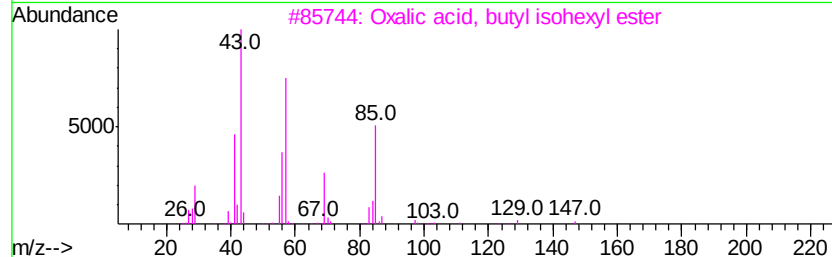
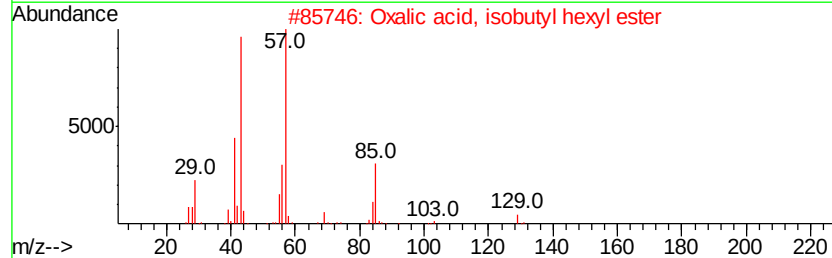
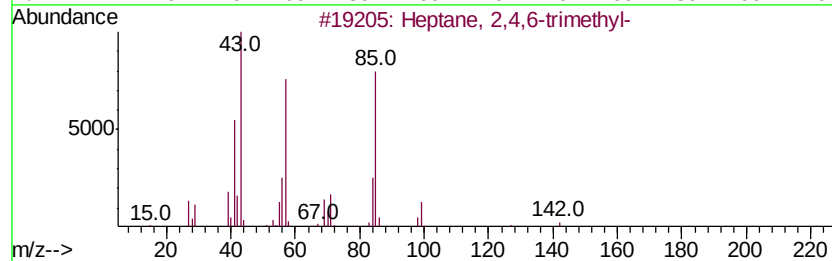
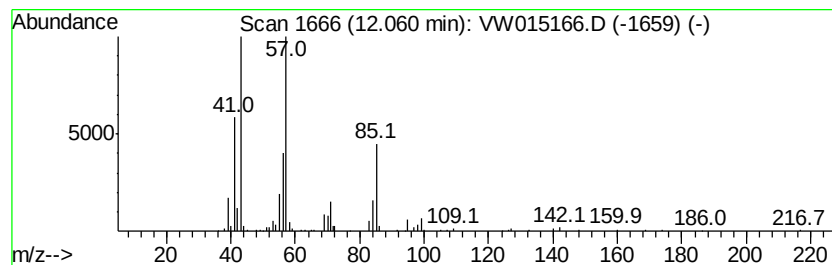
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.06	1.85 ug/L	158138	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	60
2	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	59
3	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
4	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	53
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

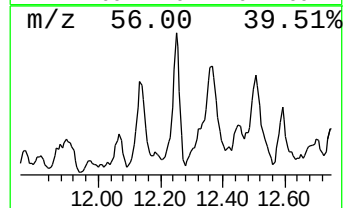
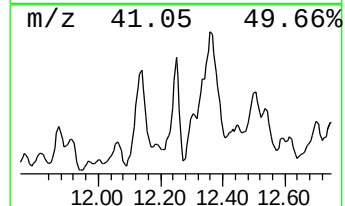
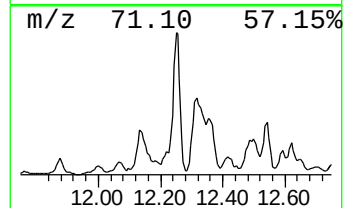
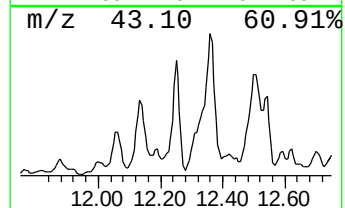
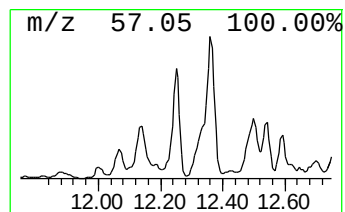
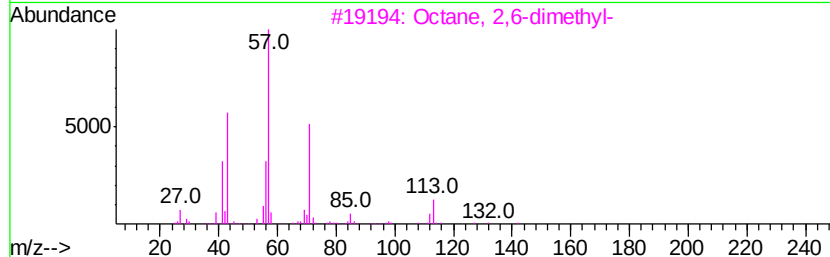
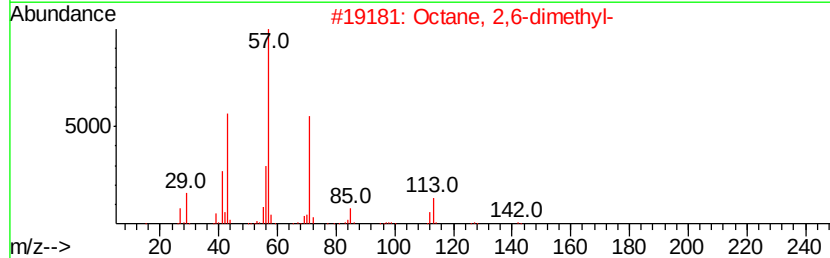
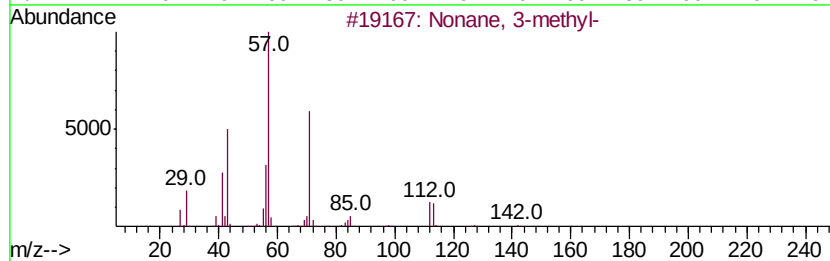
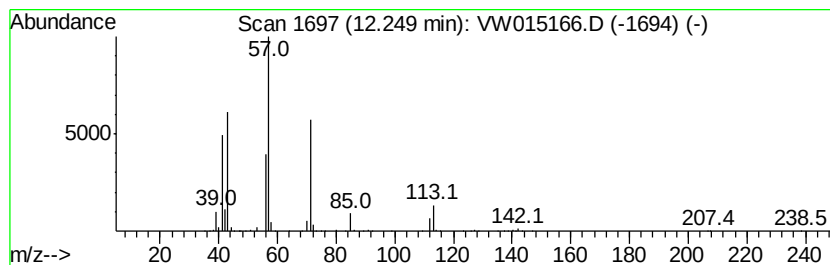
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.25	4.47 ug/L	382788	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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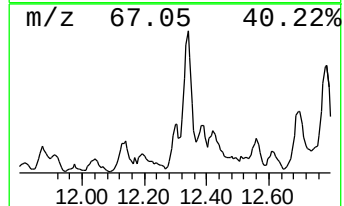
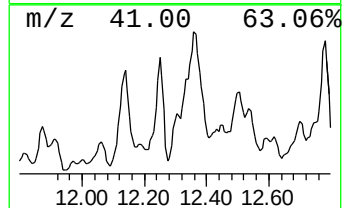
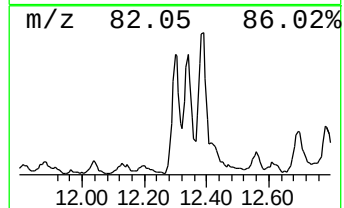
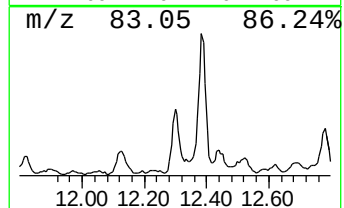
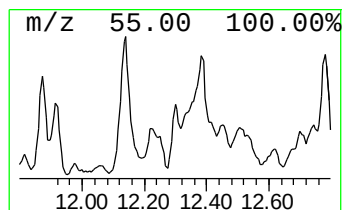
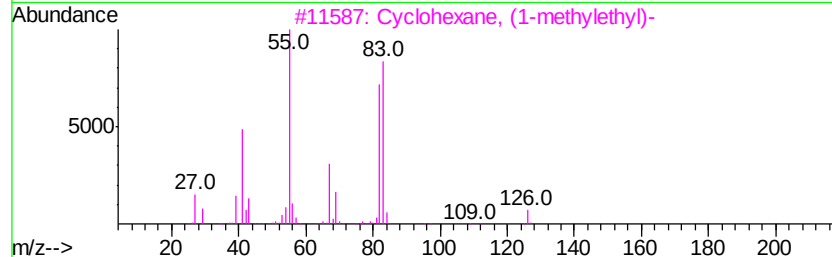
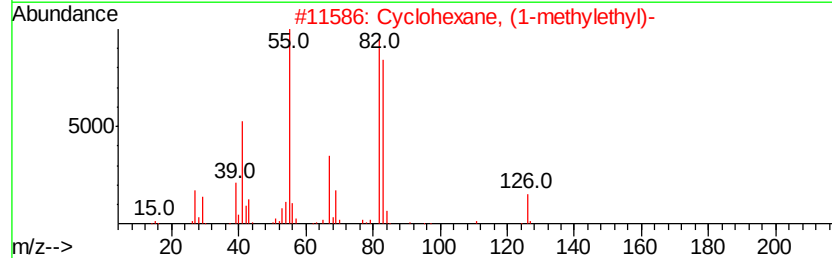
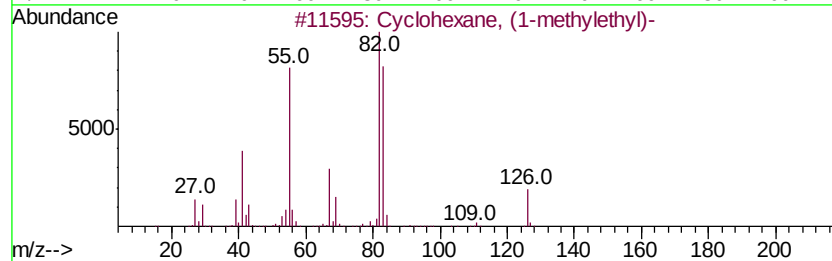
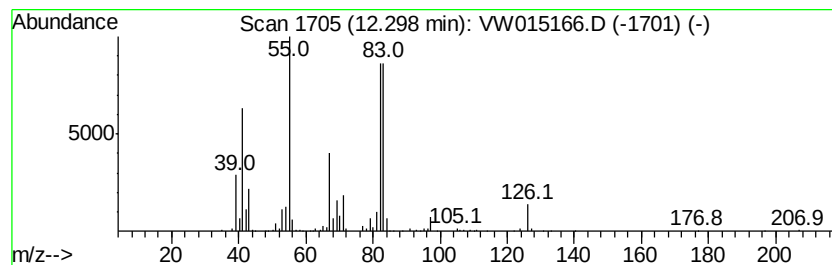
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic12.30 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.41 ug/L	206062	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	70
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	62
4		Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	59
5		Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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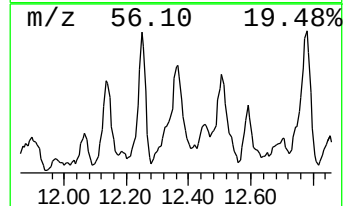
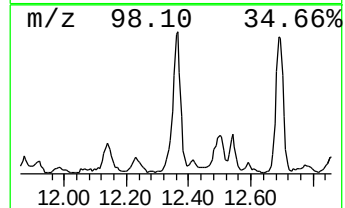
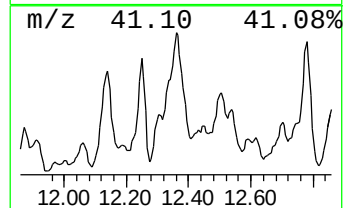
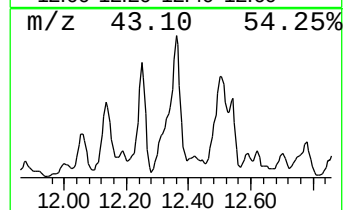
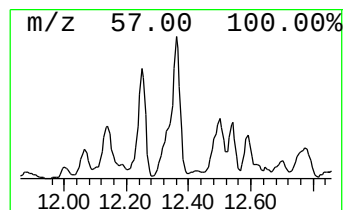
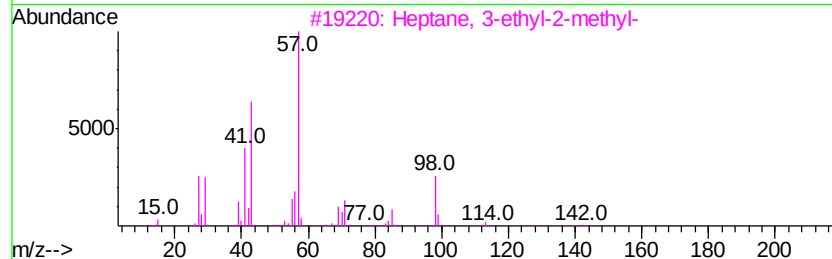
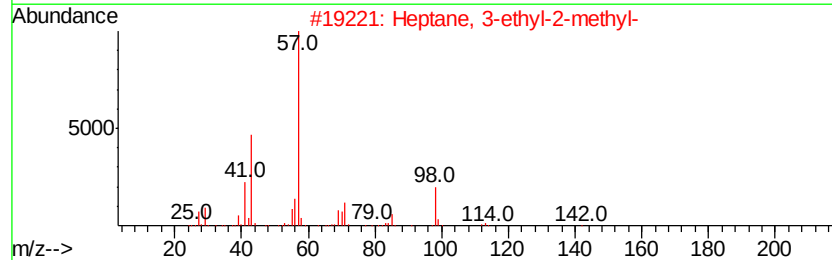
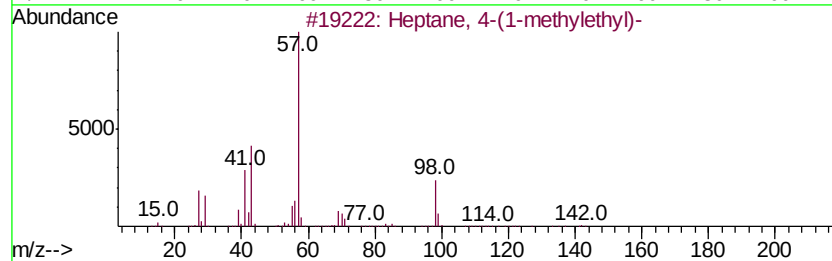
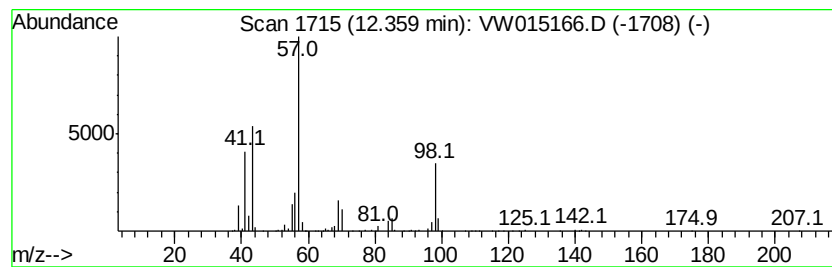
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	11.83 ug/L	1013020	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	83
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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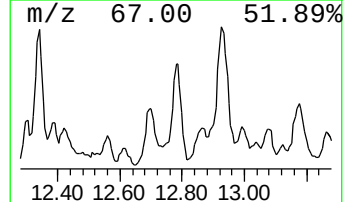
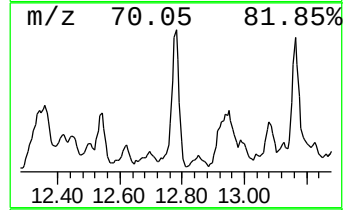
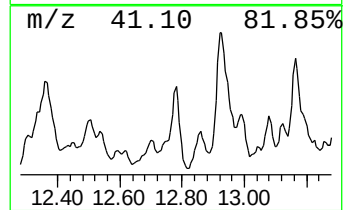
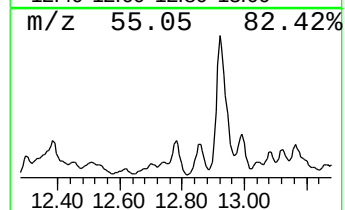
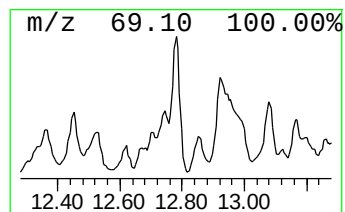
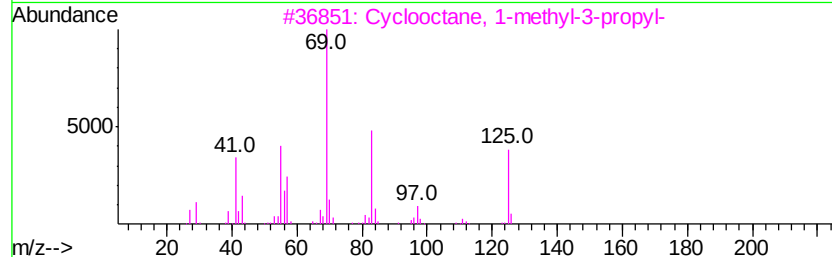
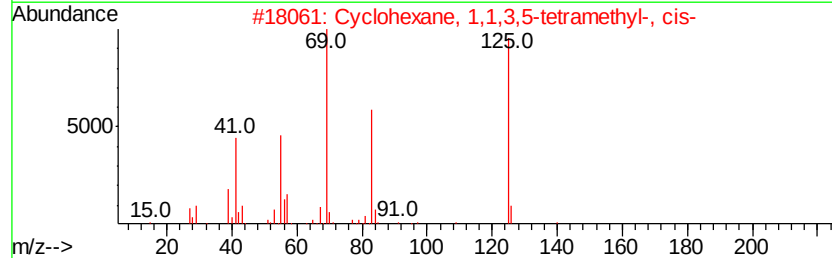
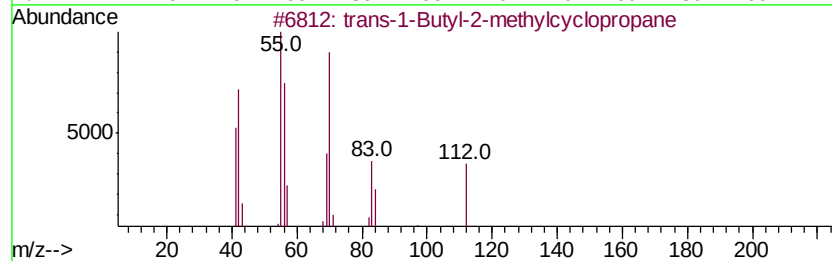
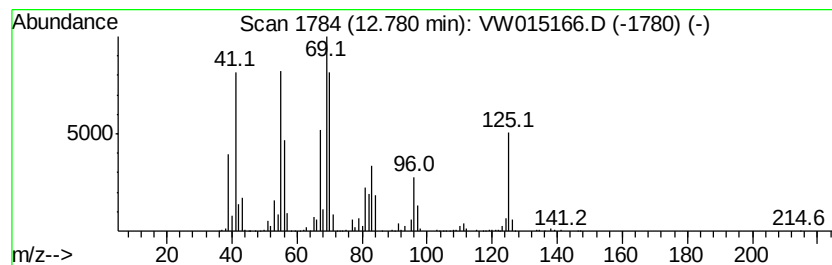
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	11.51 ug/L	781730	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	41
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	38
3		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	38
4		2,6-Nonadienal, (E,Z)-	138	C9H14O	000557-48-2	35
5		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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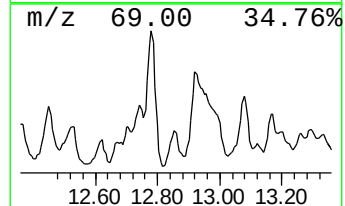
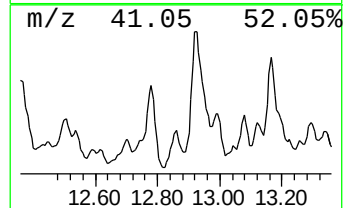
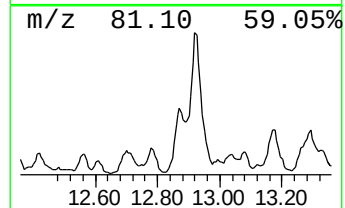
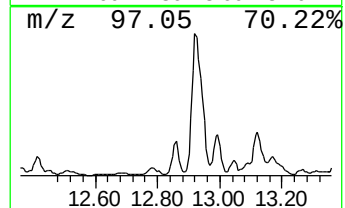
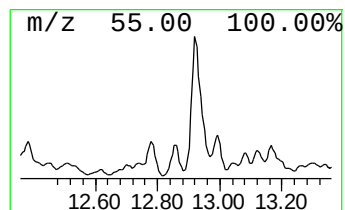
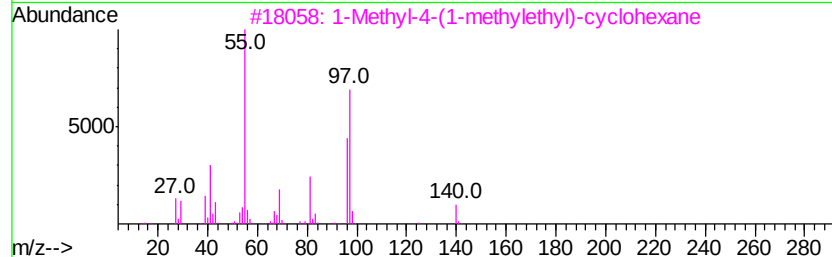
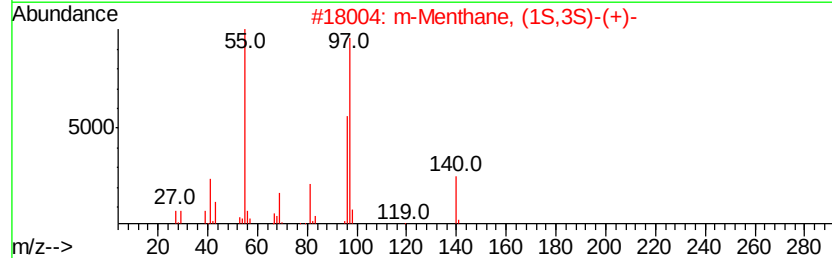
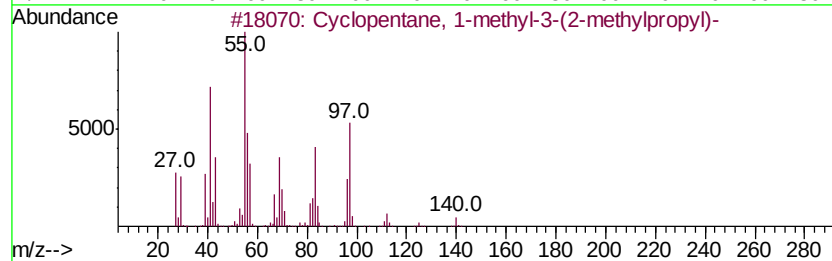
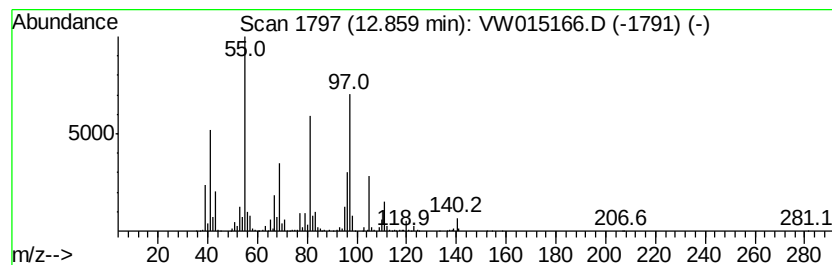
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic12.86 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	7.80 ug/L	529854	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	52
2		m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	52
3		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	52
4		m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	52
5		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
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Sample : L2176-06
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ALS Vial : 4 Sample Multiplier: 1

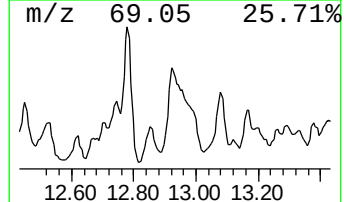
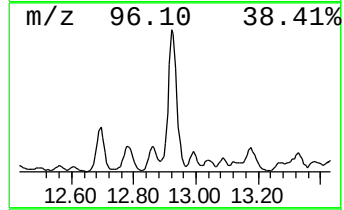
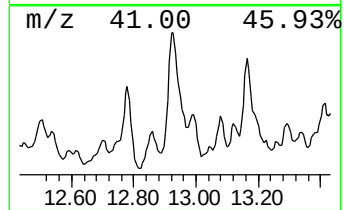
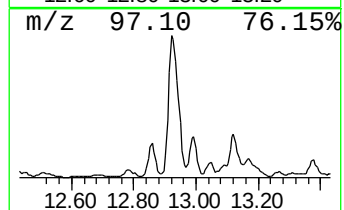
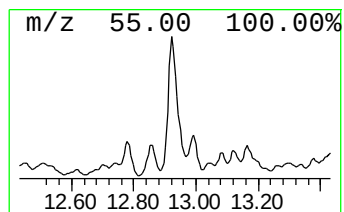
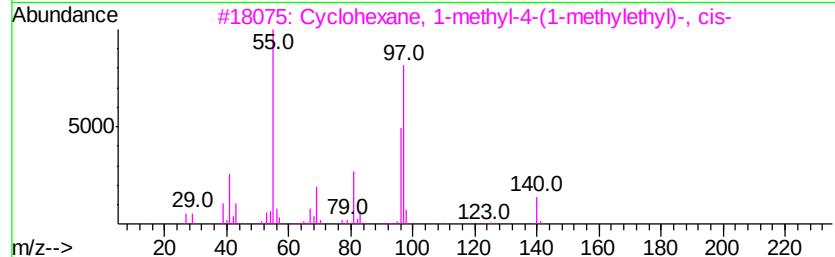
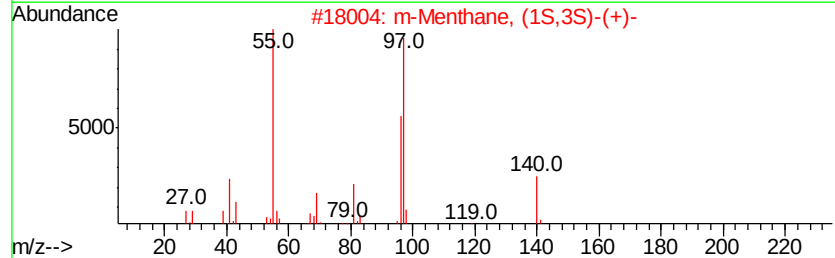
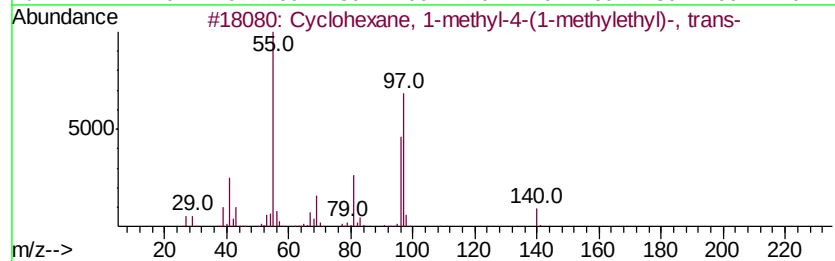
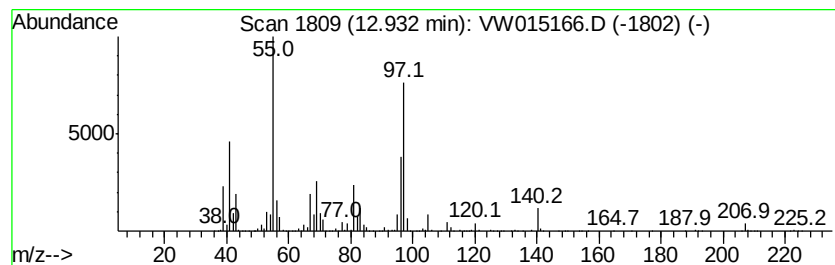
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Cyclic12.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	25.33 ug/L	1720720	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-methyl-4-(1-methyl-...	140 C10H20	001678-82-6 90
2		m-Menthane, (1S,3S)-(+)-	140 C10H20	013837-67-7 90
3		Cyclohexane, 1-methyl-4-(1-methyl-...	140 C10H20	006069-98-3 90
4		Cyclohexane, 1-methyl-4-(1-methyl-...	140 C10H20	006069-98-3 90
5		m-Menthane, (1S,3S)-(+)-	140 C10H20	013837-67-7 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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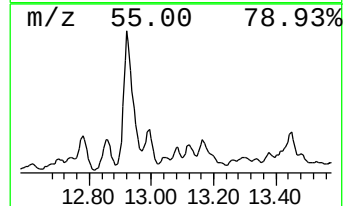
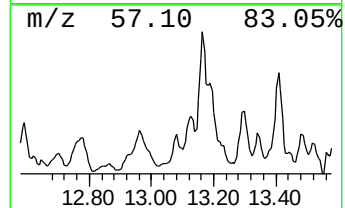
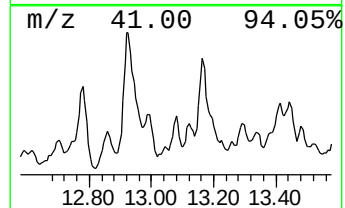
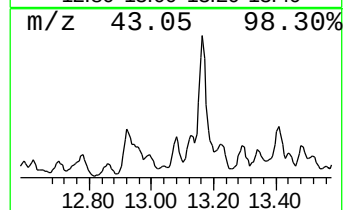
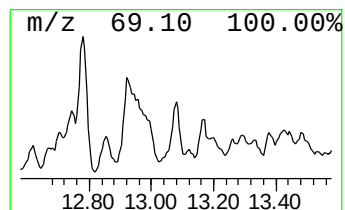
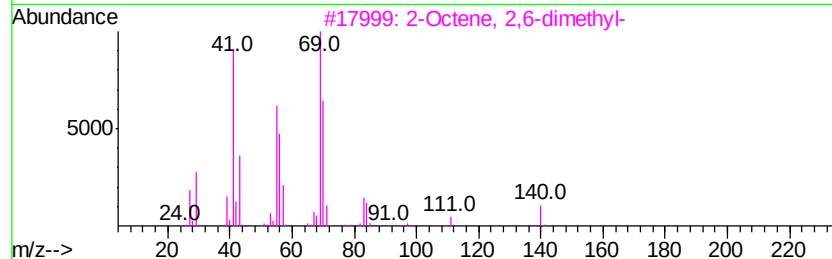
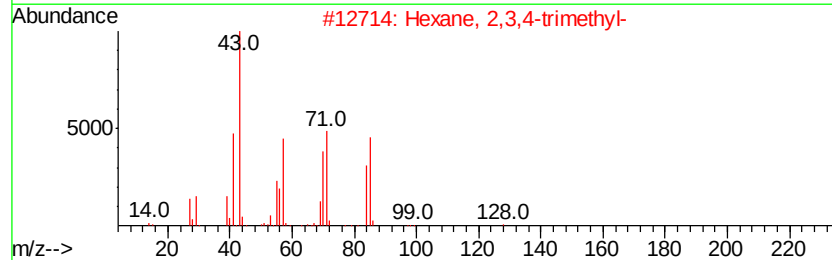
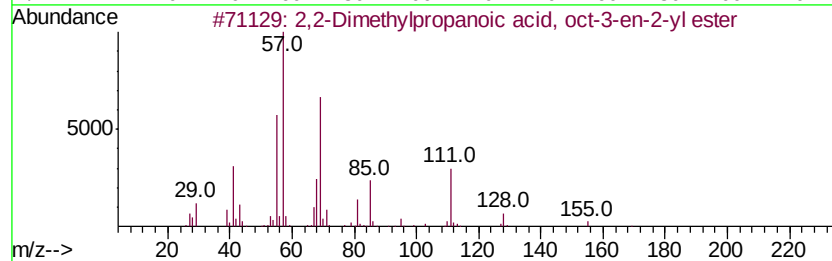
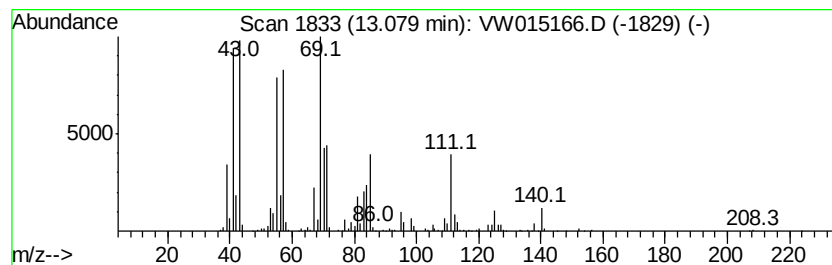
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Quant Title : VOC Analysis

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

Peak Number 12 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	3.68 ug/L	250274	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylpropanoic acid, oct-...	212	C13H24O2	1000299-33-3	43
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
4		Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	35
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

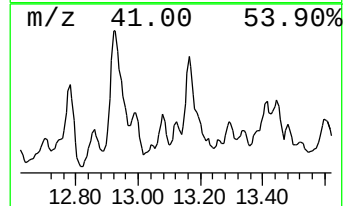
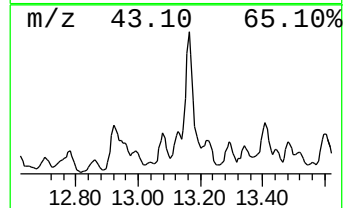
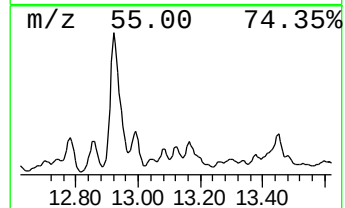
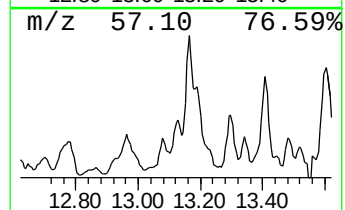
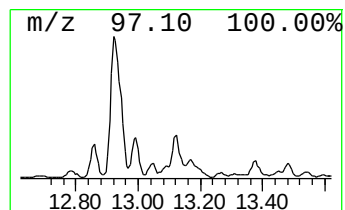
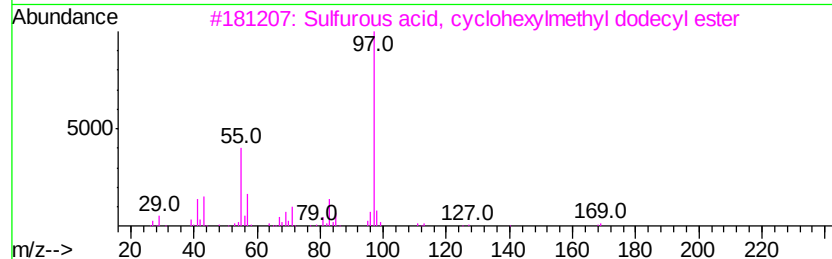
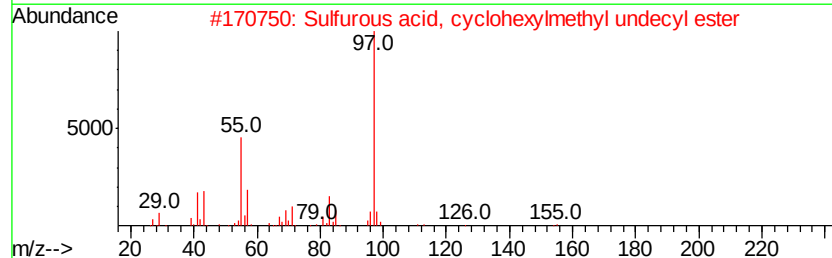
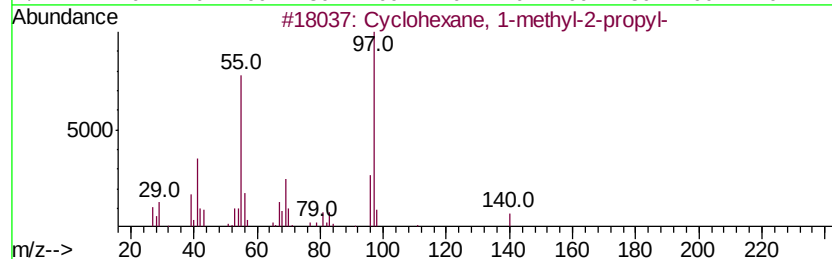
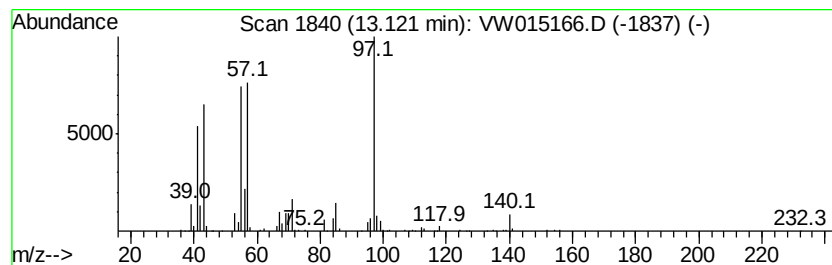
Instrument :
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ClientSampleId :
BG2J2

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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic13.12 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.12	2.62 ug/L	178208	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
2		Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64
3		Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	59
4		Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	59
5		Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

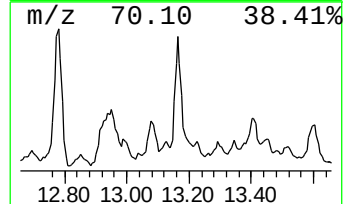
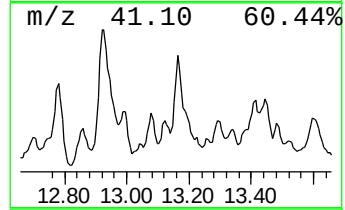
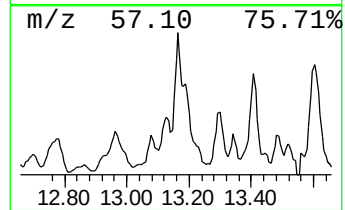
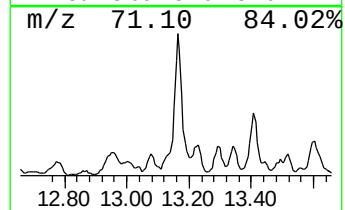
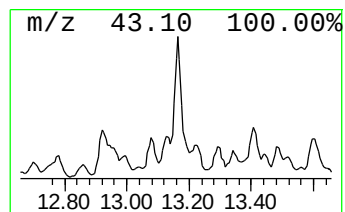
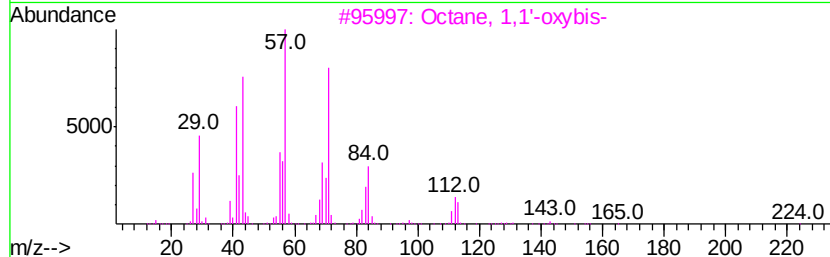
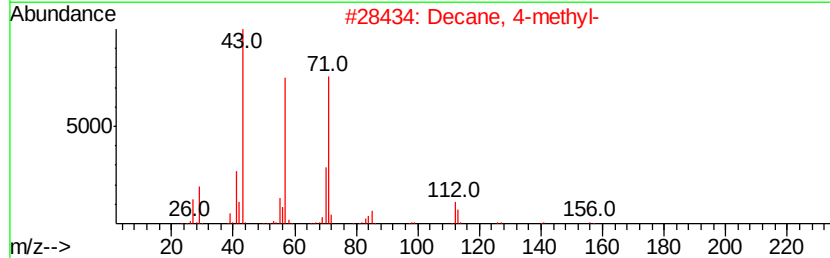
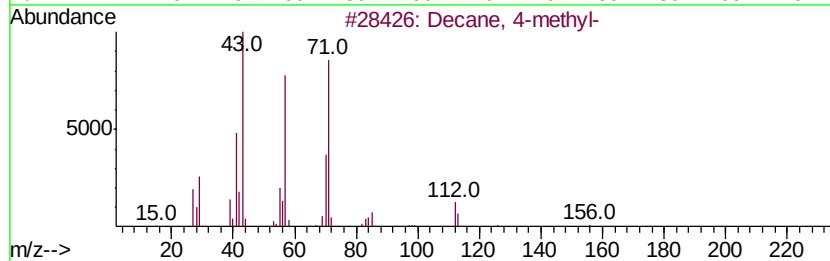
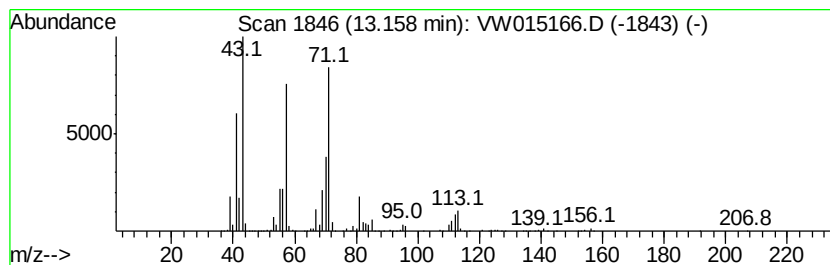
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.16	12.10 ug/L	822158	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Decane, 4-methyl-	156	C11H24	002847-72-5	68
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

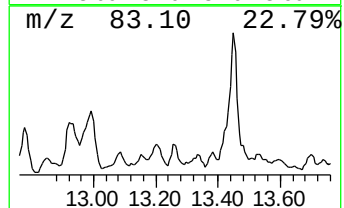
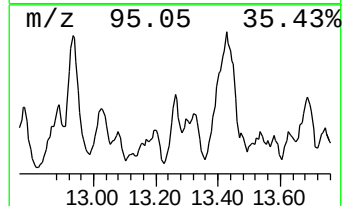
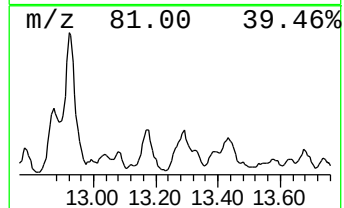
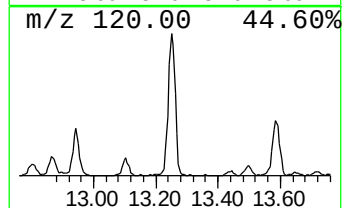
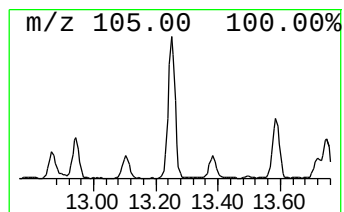
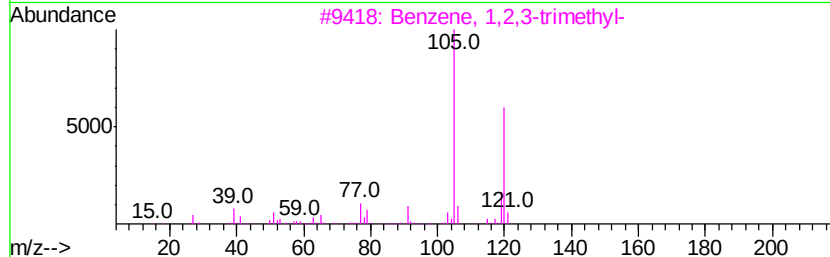
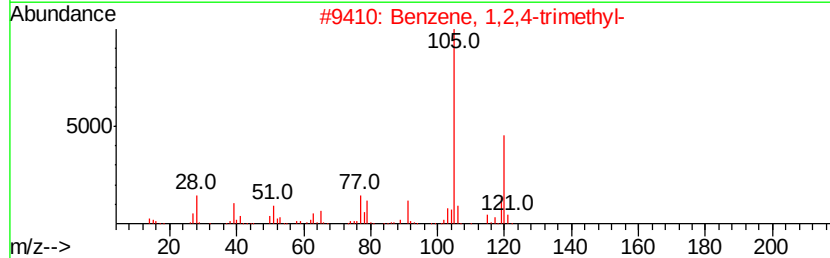
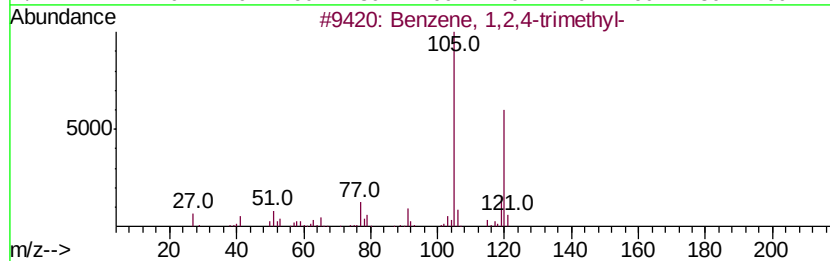
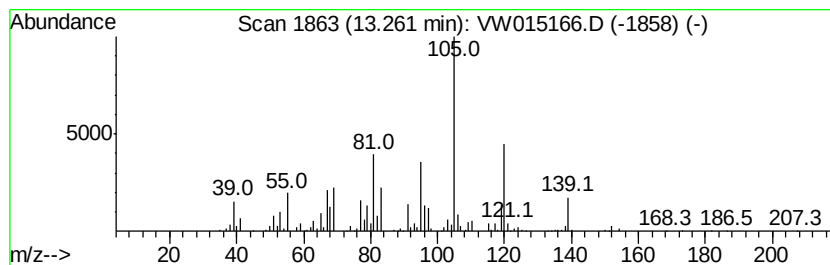
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.26	3.09 ug/L	209725	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	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	89
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
4	Mesitylene	120	C9H12	000108-67-8	76
5	Mesitylene	120	C9H12	000108-67-8	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2J2

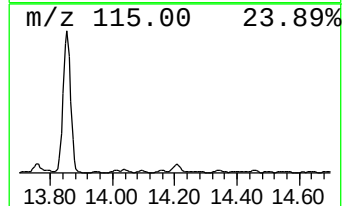
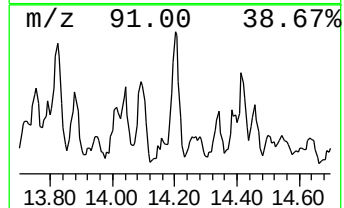
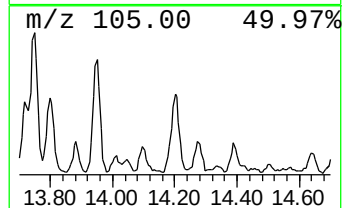
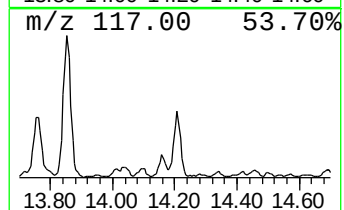
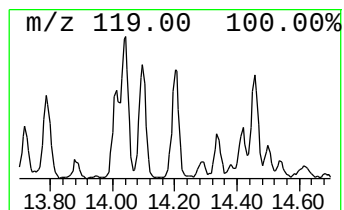
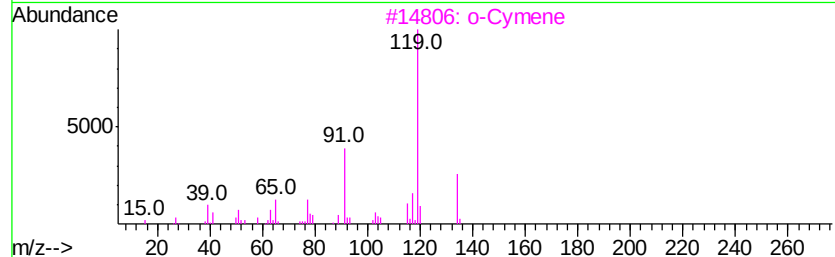
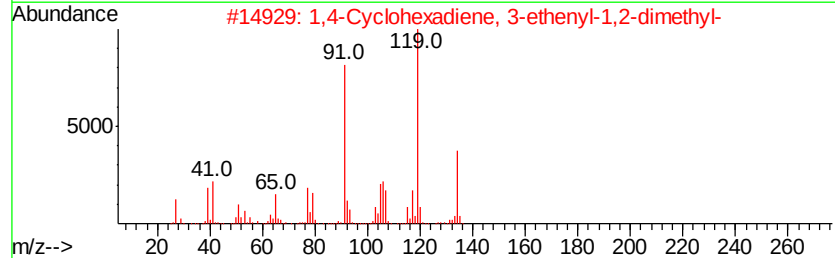
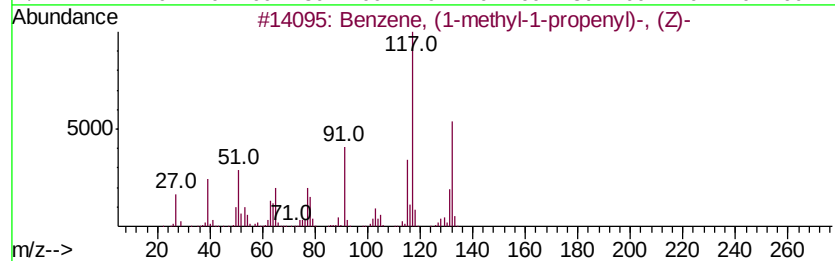
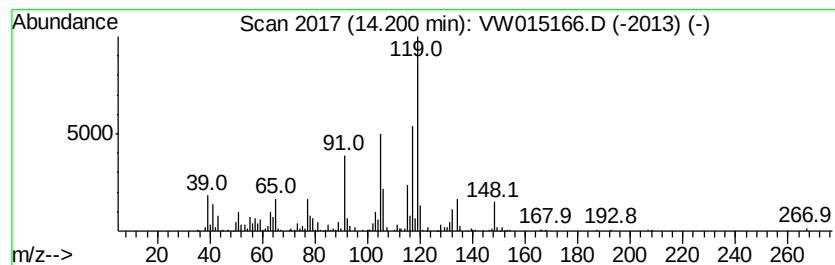
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, (1-methyl-1-propen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.69 ug/L	183015	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86
2		1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	58
3		o-Cymene	134	C10H14	000527-84-4	49
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49
5		p-Cymene	134	C10H14	000099-87-6	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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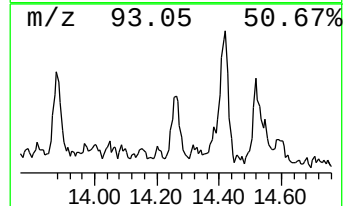
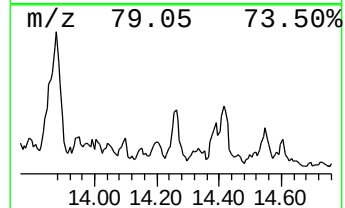
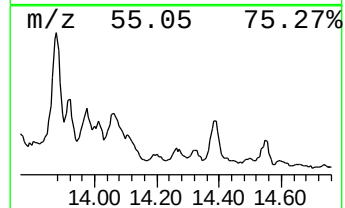
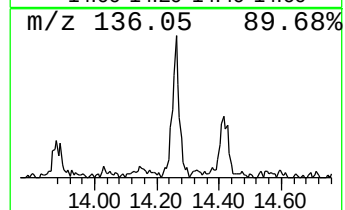
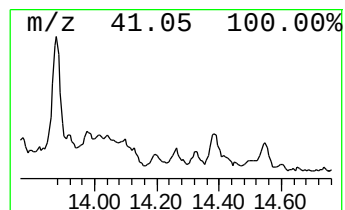
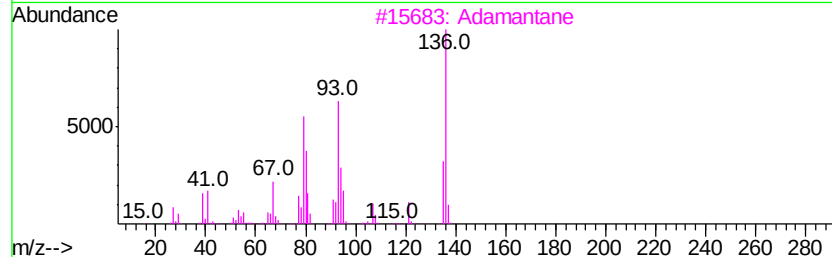
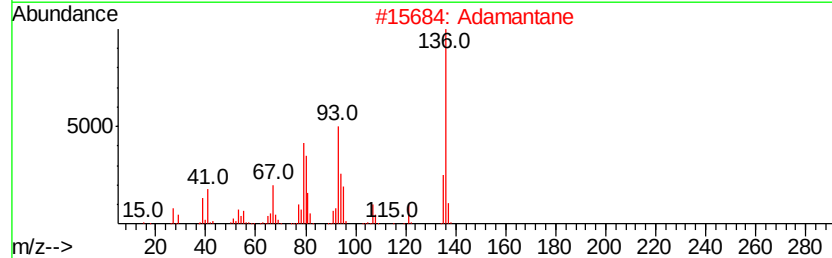
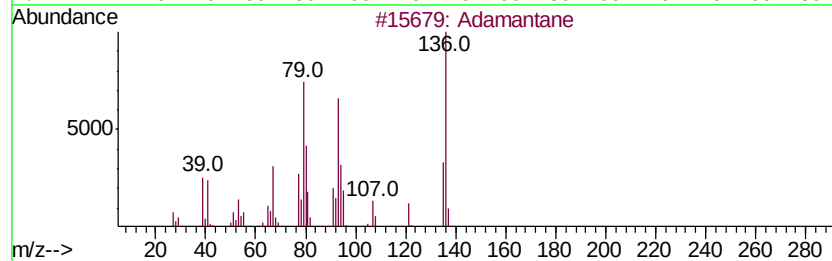
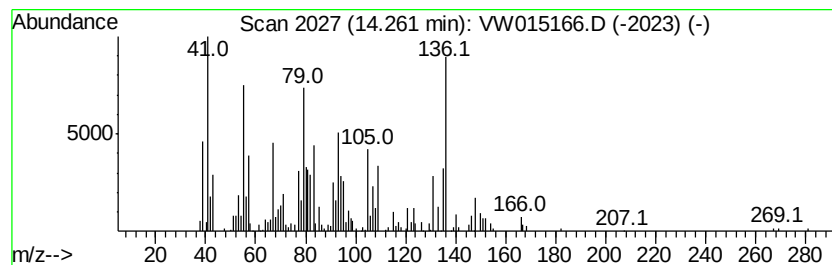
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Quant Title : VOC Analysis

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

Peak Number 17 Adamantane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	1.58 ug/L	107424	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane			136	C10H16	000281-23-2	92
2	Adamantane			136	C10H16	000281-23-2	53
3	Adamantane			136	C10H16	000281-23-2	49
4	Bicyclo[3.2.2]non-6-en-3-one			136	C9H12O	1000072-31-7	46
5	3-Methylene-bicyclo[3.2.1]oct-6-...			136	C9H12O	1000193-00-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2J2

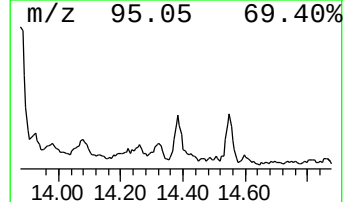
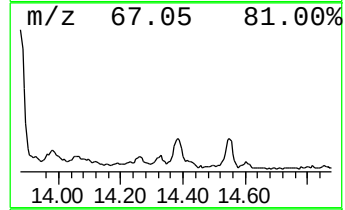
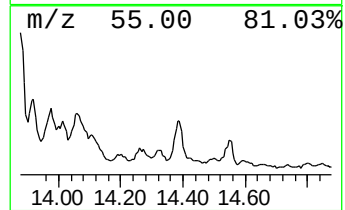
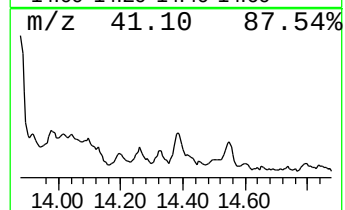
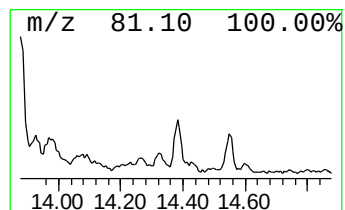
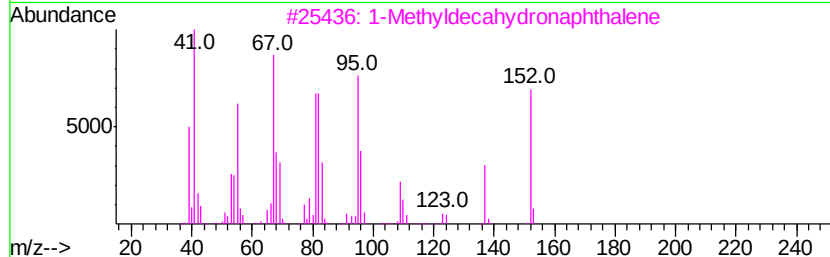
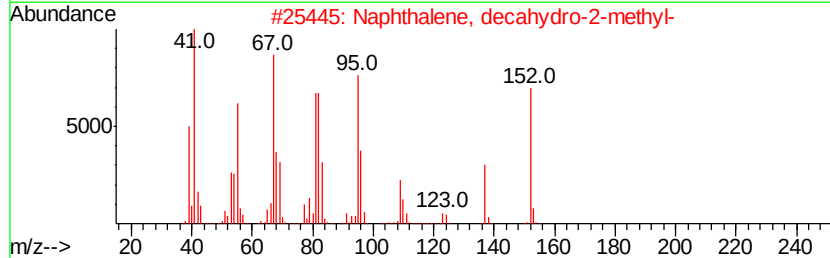
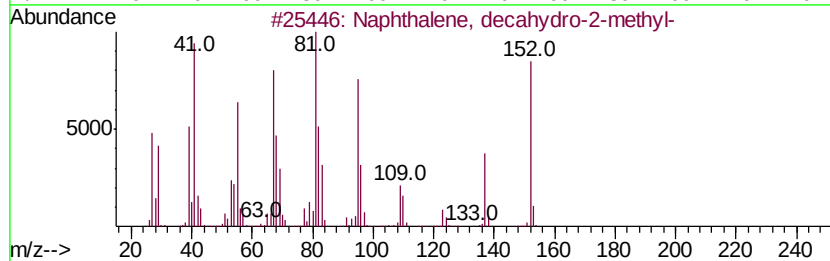
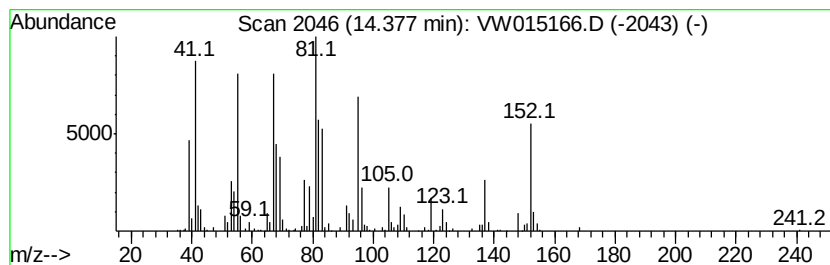
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Quant Title : VOC Analysis

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

Peak Number 18 Naphthalene, decahydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	2.90 ug/L	197182	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	95
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	91
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
5			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

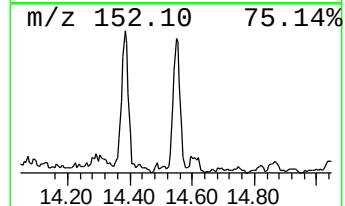
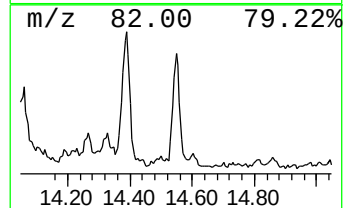
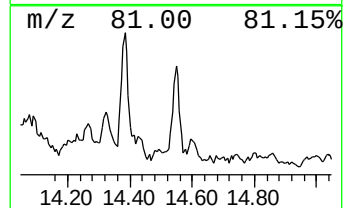
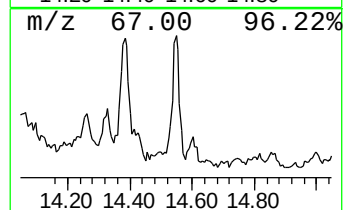
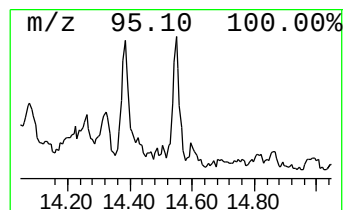
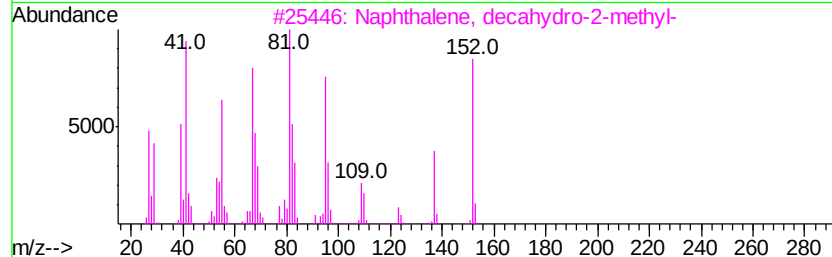
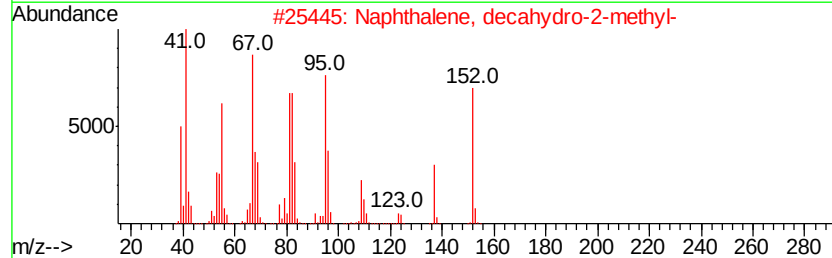
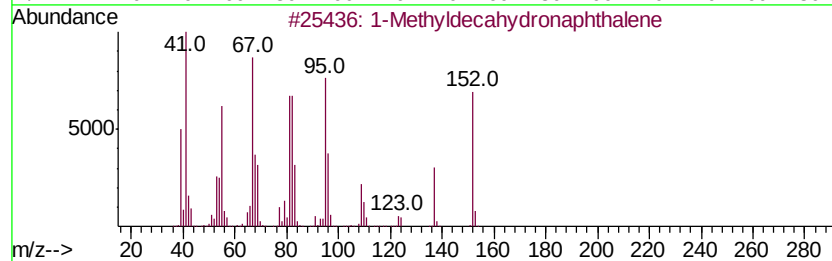
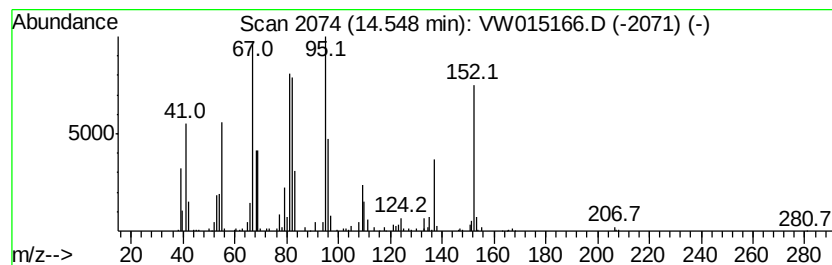
Instrument :
MSVOA_W
ClientSampleId :
BG2J2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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

Peak Number 19 1-Methyldecahydronaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.15 ug/L	145943	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 97
2		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 97
3		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 70
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	004795-86-2 64
5		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2J2

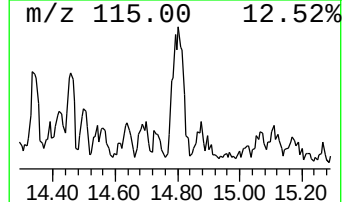
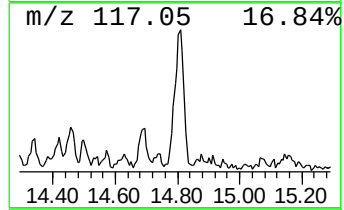
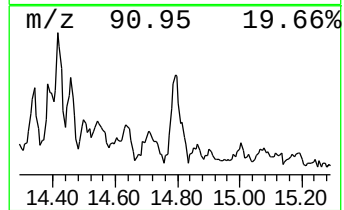
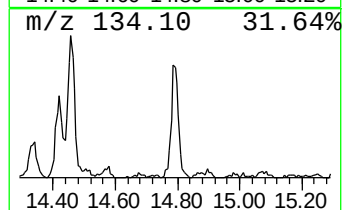
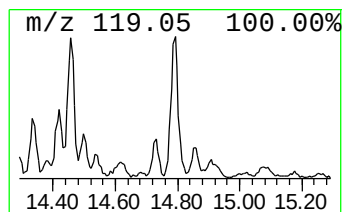
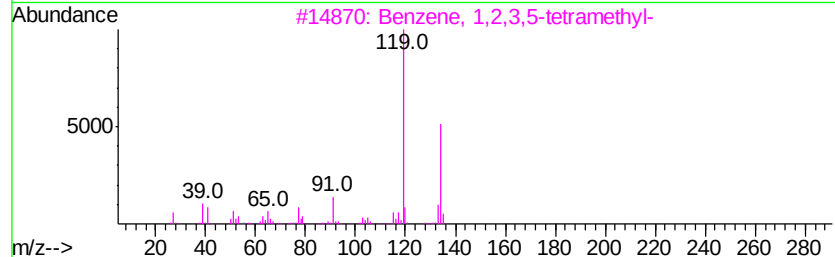
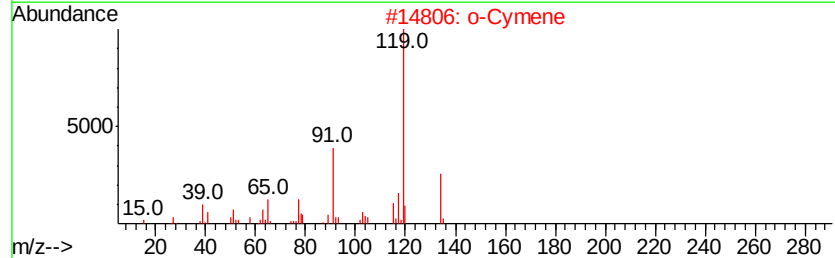
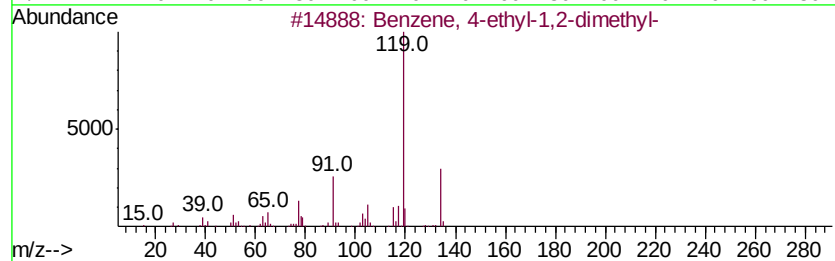
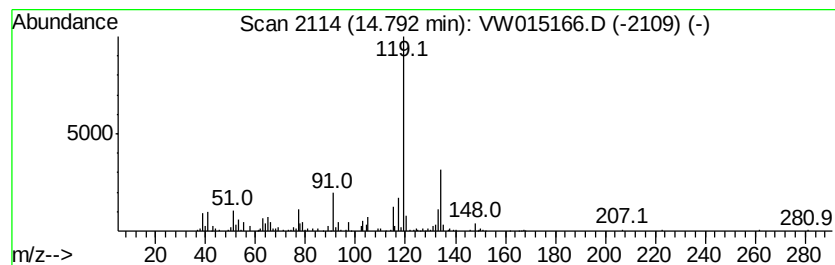
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.06 ug/L	139736	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2		o-Cymene	134	C10H14	000527-84-4	91
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4		o-Cymene	134	C10H14	000527-84-4	90
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040820\
 Data File : VW015166.D
 Acq On : 08 Apr 2020 13:08
 Operator : SY/VA
 Sample : L2176-06
 Misc : 4.99G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2J2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.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	2.2	ug/L	189706	2	11.63	2140840	25.0
(DEL) Alkane: Cyc...	11.43	2.2	ug/L	190199	2	11.63	2140840	25.0
(DEL) Alkane: Str...	12.06	1.9	ug/L	158138	2	11.63	2140840	25.0
(DEL) Alkane: Str...	12.25	4.5	ug/L	382788	2	11.63	2140840	25.0
(DEL) Alkane: Cyc...	12.30	2.4	ug/L	206062	2	11.63	2140840	25.0
(DEL) Alkane: Str...	12.36	11.8	ug/L	1013020	2	11.63	2140840	25.0
(DEL) Alkane: Str...	12.78	11.5	ug/L	781730	3	13.56	1698260	25.0
(DEL) Alkane: Cyc...	12.86	7.8	ug/L	529854	3	13.56	1698260	25.0
(DEL) Alkane: Cyc...	12.93	25.3	ug/L	1720720	3	13.56	1698260	25.0
unknown-01	13.08	3.7	ug/L	250274	3	13.56	1698260	25.0
(DEL) Alkane: Cyc...	13.12	2.6	ug/L	178208	3	13.56	1698260	25.0
(DEL) Alkane: Str...	13.16	12.1	ug/L	822158	3	13.56	1698260	25.0
Benzene, 1,2,4-tr...	13.26	3.1	ug/L	209725	3	13.56	1698260	25.0
Benzene, (1-methy...	14.20	2.7	ug/L	183015	3	13.56	1698260	25.0
Adamantane	14.26	1.6	ug/L	107424	3	13.56	1698260	25.0
Naphthalene, deca...	14.38	2.9	ug/L	197182	3	13.56	1698260	25.0
1-Methyldecahydro...	14.55	2.1	ug/L	145943	3	13.56	1698260	25.0
Benzene, 4-ethyl-...	14.79	2.1	ug/L	139736	3	13.56	1698260	25.0