

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
 Data File : VW014042.D
 Acq On : 15 Nov 2019 15:47
 Operator : SY/VA
 Sample : K5811-05
 Misc : 3.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOP3

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\SOM2WLM111119S.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	2.154	36	41	54	rBV	17813	49291	0.19%	0.063%
2	2.349	66	73	85	rVB	97782	186425	0.71%	0.238%
3	2.885	152	161	176	rBV	68461	175703	0.67%	0.225%
4	2.995	176	179	180	rBV3	1288	1587	0.01%	0.002%
5	3.026	180	184	191	rVB6	4196	8433	0.03%	0.011%
6	3.385	235	243	251	rBV4	6022	15922	0.06%	0.020%
7	3.532	263	267	270	rBV3	794	1096	0.00%	0.001%
8	4.019	335	347	359	rBV	139162	458223	1.75%	0.586%
9	4.385	398	407	418	rVB2	4518	13628	0.05%	0.017%
10	4.617	443	445	449	rVV2	486	679	0.00%	0.001%
11	4.922	483	495	517	rBV7	10318	51055	0.19%	0.065%
12	5.422	565	577	591	rVB2	72218	220708	0.84%	0.282%
13	5.775	633	635	640	rVV2	648	838	0.00%	0.001%
14	5.867	647	650	653	rBV	447	611	0.00%	0.001%
15	5.928	653	660	671	rVB4	8562	27425	0.10%	0.035%
16	6.976	824	832	840	rBV5	4158	12523	0.05%	0.016%
17	7.080	840	849	852	rBV	43425	112749	0.43%	0.144%
18	7.165	852	863	880	rVB	8825483	23602807	89.96%	30.160%
19	7.427	904	906	908	rBV2	754	850	0.00%	0.001%
20	7.641	930	941	956	rVB	217299	549745	2.10%	0.702%
21	7.939	980	990	992	rBV6	4840	12173	0.05%	0.016%
22	8.031	1002	1005	1014	rVB4	1651	3184	0.01%	0.004%
23	8.153	1020	1025	1032	rVV5	3423	6489	0.02%	0.008%
24	8.269	1032	1044	1062	rBV2	429127	1307529	4.98%	1.671%
25	8.427	1066	1070	1077	rVB7	1107	1911	0.01%	0.002%
26	8.573	1088	1094	1099	rVB5	2444	5113	0.02%	0.007%
27	8.616	1099	1101	1106	rVB4	688	803	0.00%	0.001%
28	8.689	1107	1113	1120	rBV2	7172	14001	0.05%	0.018%
29	8.842	1128	1138	1148	rBV	310892	625163	2.38%	0.799%
30	9.092	1168	1179	1198	rBV	13048950	26237632	100.00%	33.527%
31	9.274	1201	1209	1216	rBV	276767	573888	2.19%	0.733%
32	9.445	1234	1237	1240	rBV2	640	737	0.00%	0.001%
33	9.512	1244	1248	1252	rVB4	1582	2108	0.01%	0.003%
34	9.604	1259	1263	1267	rVV3	1423	2064	0.01%	0.003%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	9.652	1267	1271	1278	rVB7	2011	3506	0.01%	0.004%
36	9.756	1280	1288	1293	rVB5	2158	4588	0.02%	0.006%
37	9.823	1293	1299	1300	rBV3	744	1257	0.00%	0.002%
38	9.890	1306	1310	1315	rBV5	1207	2003	0.01%	0.003%
39	9.957	1315	1321	1326	rBV5	3598	7572	0.03%	0.010%
40	10.030	1326	1333	1341	rBV	149124	265997	1.01%	0.340%
41	10.207	1356	1362	1368	rBV5	4772	9695	0.04%	0.012%
42	10.323	1372	1381	1387	rBV	534577	945213	3.60%	1.208%
43	10.384	1387	1391	1397	rVB	48924	86881	0.33%	0.111%
44	10.506	1403	1411	1416	rVB4	14132	28684	0.11%	0.037%
45	10.573	1416	1422	1432	rBV	90119	165441	0.63%	0.211%
46	10.665	1432	1437	1439	rBV2	16376	26091	0.10%	0.033%
47	10.701	1439	1443	1448	rVB	26028	43834	0.17%	0.056%
48	10.756	1448	1452	1458	rBV3	15176	23926	0.09%	0.031%
49	10.860	1461	1469	1476	rBV	9920868	17194996	65.54%	21.972%
50	10.921	1476	1479	1490	rVB	165405	270709	1.03%	0.346%
51	11.061	1493	1502	1506	rBV4	21846	39547	0.15%	0.051%
52	11.110	1506	1510	1513	rBV2	11251	17055	0.07%	0.022%
53	11.171	1518	1520	1525	rVV	21564	34843	0.13%	0.045%
54	11.225	1525	1529	1535	rVV	42615	73262	0.28%	0.094%
55	11.280	1535	1538	1542	rVV4	7299	9589	0.04%	0.012%
56	11.335	1542	1547	1551	rVV3	12574	22797	0.09%	0.029%
57	11.433	1552	1563	1571	rVB6	41349	114680	0.44%	0.147%
58	11.512	1571	1576	1580	rBV	19236	30849	0.12%	0.039%
59	11.628	1588	1595	1605	rBV	307594	547544	2.09%	0.700%
60	11.731	1605	1612	1621	rBV	146198	290987	1.11%	0.372%
61	11.835	1621	1629	1639	rBV	618047	1207953	4.60%	1.544%
62	11.975	1647	1652	1656	rBV3	10402	20694	0.08%	0.026%
63	12.042	1658	1663	1670	rVB5	11999	31607	0.12%	0.040%
64	12.164	1670	1683	1689	rBV	370522	725800	2.77%	0.927%
65	12.250	1694	1697	1701	rVB2	38597	56597	0.22%	0.072%
66	12.341	1701	1712	1713	rBV4	55237	111932	0.43%	0.143%
67	12.609	1752	1756	1760	rBV	41919	63494	0.24%	0.081%
68	12.652	1760	1763	1764	rVV2	7981	8311	0.03%	0.011%
69	12.695	1764	1770	1776	rVB	159558	267529	1.02%	0.342%
70	12.780	1779	1784	1790	rVB3	73575	136733	0.52%	0.175%
71	12.859	1790	1797	1802	rBV5	29367	70343	0.27%	0.090%

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Integration Parameters: LSCINT.P

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 Title : VOC Analysis

72	12.932	1804	1809	1816	rVB3	91466	169333	0.65%	0.216%
73	13.079	1829	1833	1837	rBV6	18588	32708	0.12%	0.042%
74	13.164	1843	1847	1857	rVB4	42777	76126	0.29%	0.097%
75	13.255	1858	1862	1865	rBV2	13623	19712	0.08%	0.025%
76	13.554	1906	1911	1920	rVB	160039	264526	1.01%	0.338%
77	13.853	1954	1960	1971	rVB2	144897	293197	1.12%	0.375%
78	14.066	1991	1995	2008	rVB3	21523	51885	0.20%	0.066%
79	14.200	2011	2017	2024	rBV10	7604	14944	0.06%	0.019%
80	14.255	2024	2026	2030	rBV5	1752	3016	0.01%	0.004%
81	14.328	2033	2038	2042	rBV3	8218	14410	0.05%	0.018%
82	14.499	2062	2066	2069	rBV4	1924	3164	0.01%	0.004%
83	14.621	2083	2086	2094	rVB9	2072	3986	0.02%	0.005%
84	14.725	2101	2103	2108	rVB4	3484	4322	0.02%	0.006%
85	14.792	2110	2114	2120	rBV6	3089	7743	0.03%	0.010%
86	14.920	2133	2135	2137	rBV3	996	855	0.00%	0.001%
87	14.956	2139	2141	2144	rVB4	1521	1321	0.01%	0.002%
88	15.365	2203	2208	2213	rBV	8668	13986	0.05%	0.018%
89	15.438	2215	2220	2224	rVB3	11526	19871	0.08%	0.025%
90	15.645	2251	2254	2256	rBV3	878	1116	0.00%	0.001%
91	15.804	2277	2280	2283	rVB5	1364	2020	0.01%	0.003%
92	15.846	2286	2287	2290	rBV3	1741	1613	0.01%	0.002%
93	16.035	2315	2318	2321	rBV3	1040	1419	0.01%	0.002%
94	16.127	2331	2333	2334	rBV2	690	621	0.00%	0.001%
95	16.188	2341	2343	2345	rVB3	1229	835	0.00%	0.001%
96	16.334	2365	2367	2369	rBV2	988	911	0.00%	0.001%
97	16.371	2369	2373	2377	rBV6	2381	3862	0.01%	0.005%
98	16.487	2390	2392	2395	rBV3	1075	775	0.00%	0.001%
99	16.645	2413	2418	2421	rBV5	1253	2480	0.01%	0.003%
100	16.755	2434	2436	2439	rVB3	1176	1078	0.00%	0.001%

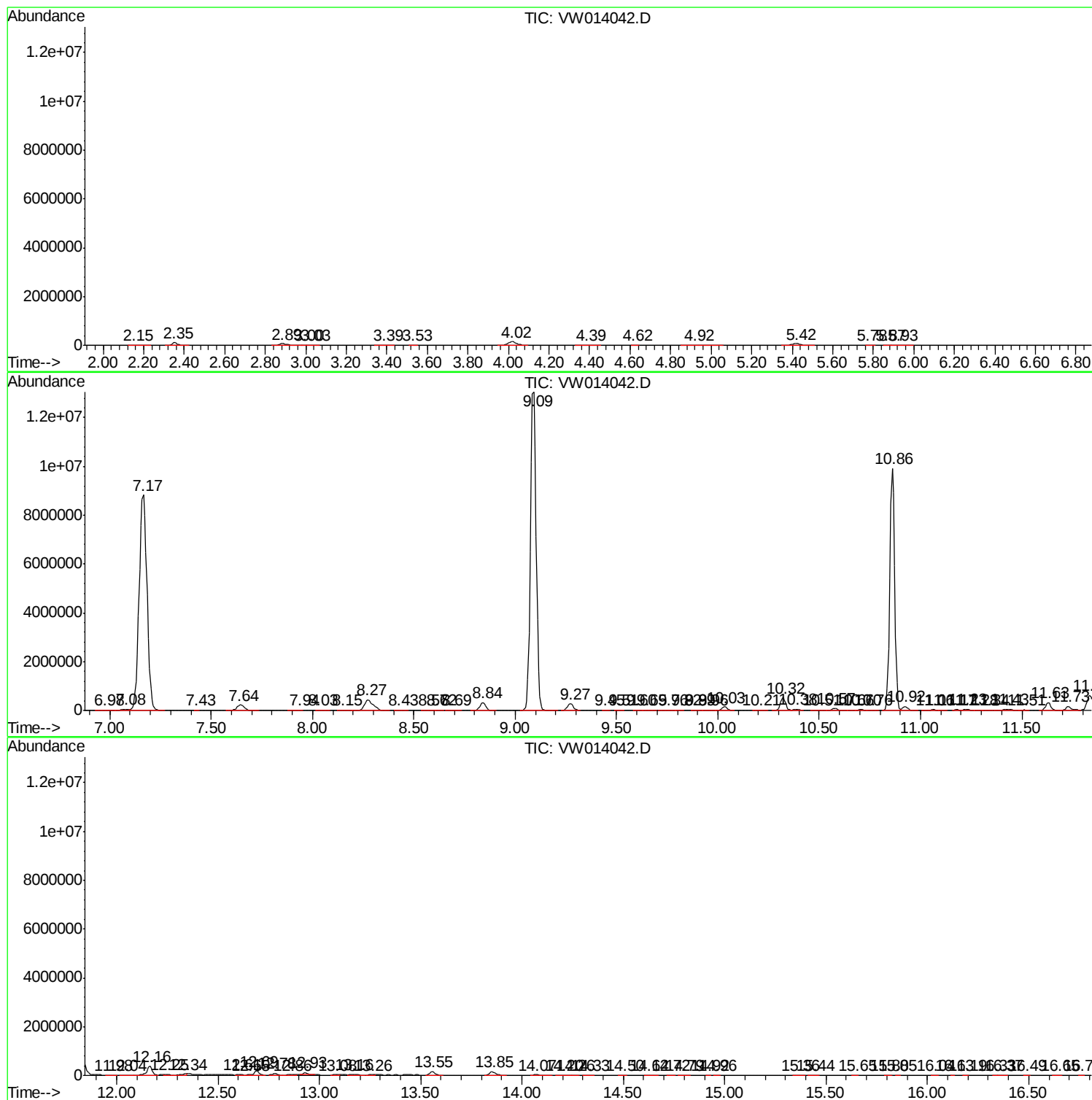
Sum of corrected areas: 78257467

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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



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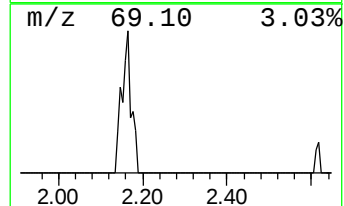
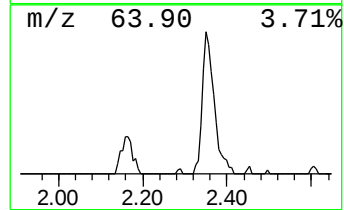
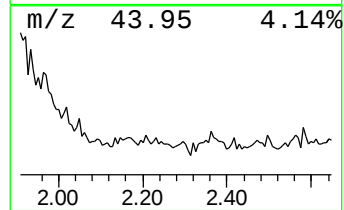
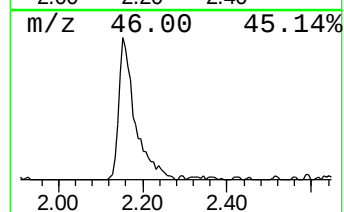
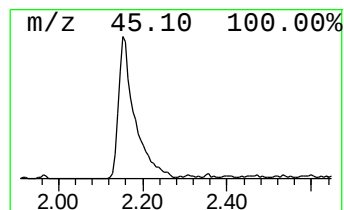
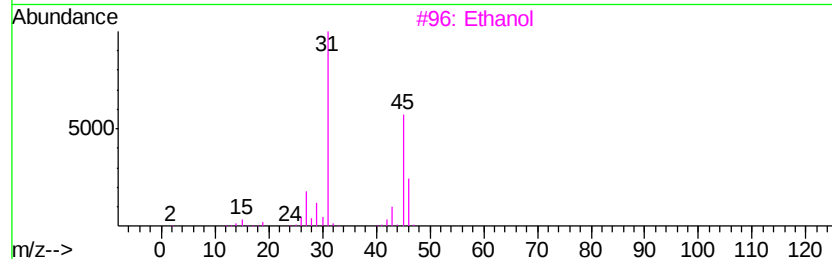
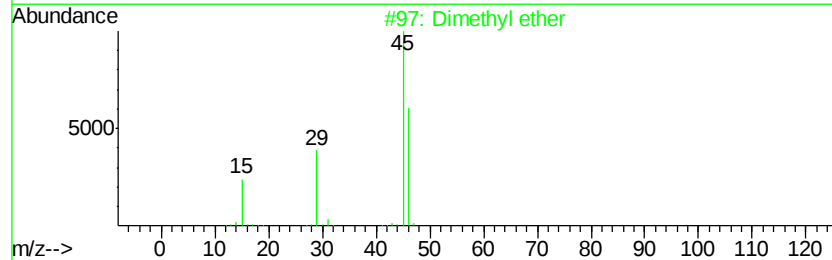
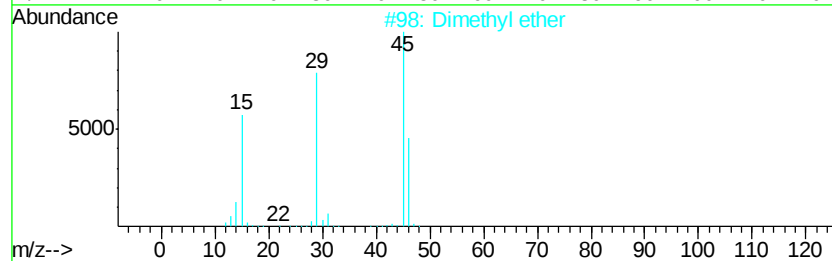
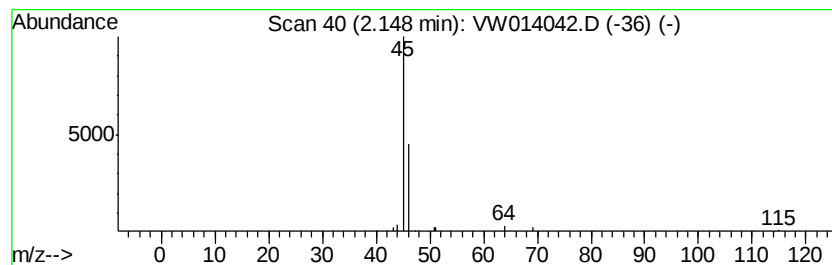
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 1 Dimethyl ether Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.97 ug/L	49291	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl ether	46	C2H6O	000115-10-6	64
2		Dimethyl ether	46	C2H6O	000115-10-6	9
3		Ethanol	46	C2H6O	000064-17-5	9
4		Ethanol	46	C2H6O	000064-17-5	9
5		Ethanol	46	C2H6O	000064-17-5	7



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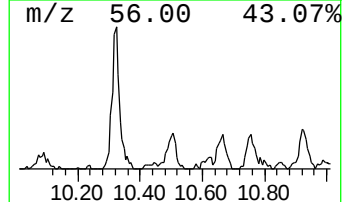
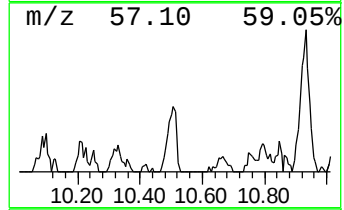
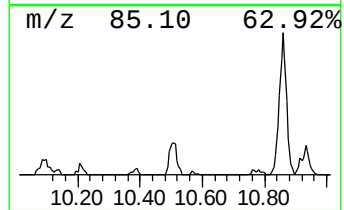
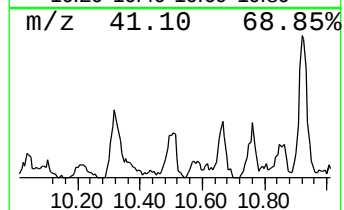
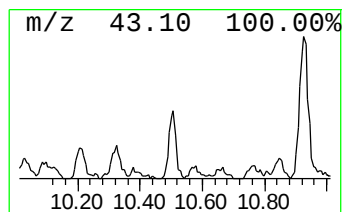
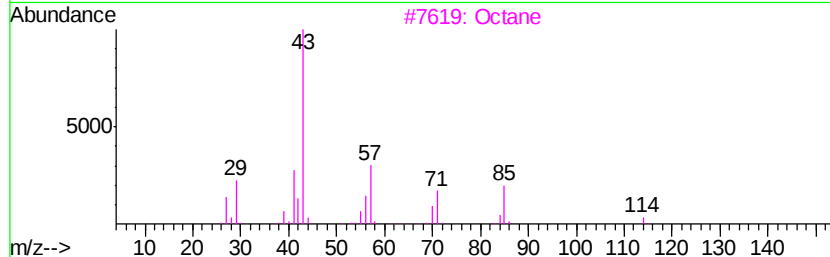
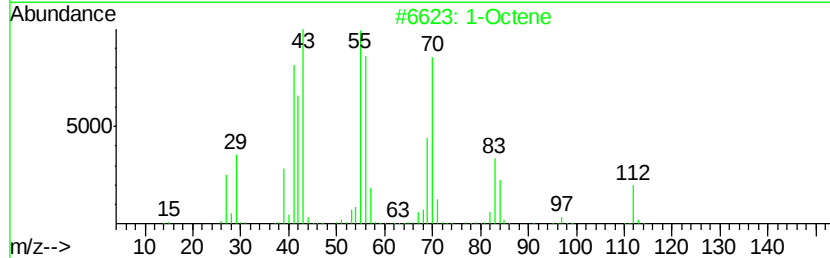
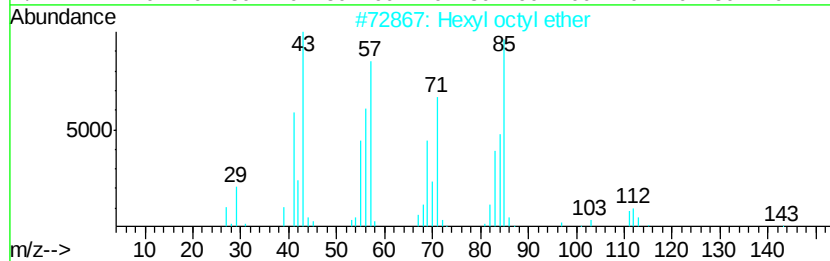
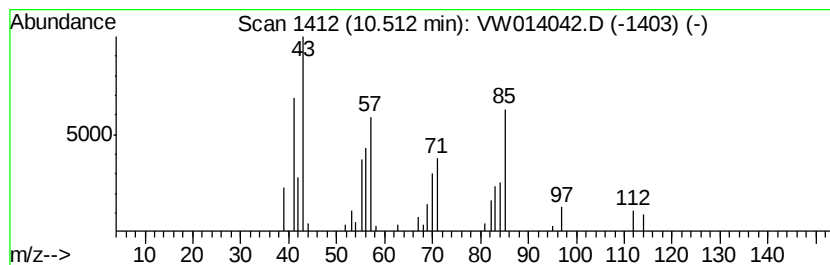
Instrument :
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Quant Title : VOC Analysis

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

Peak Number 3 Hexyl octyl ether Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.51	1.31 ug/L	28684	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexyl octyl ether	214	C14H30O	017071-54-4	53	
2	1-Octene	112	C8H16	000111-66-0	47	
3	Octane	114	C8H18	000111-65-9	47	
4	Decane, 1-(ethenyloxy)-	184	C12H24O	000765-05-9	47	
5	Octane	114	C8H18	000111-65-9	43	



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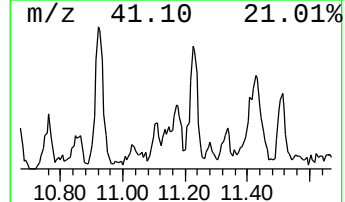
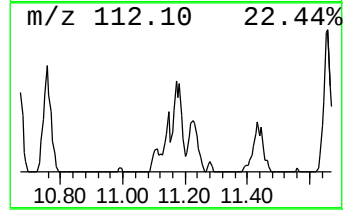
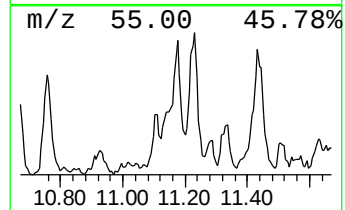
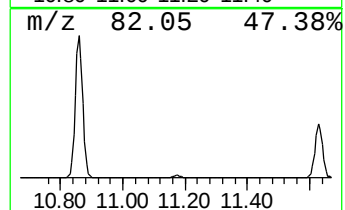
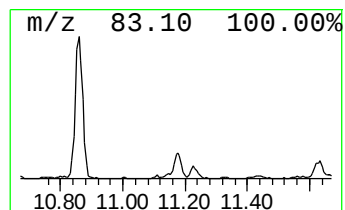
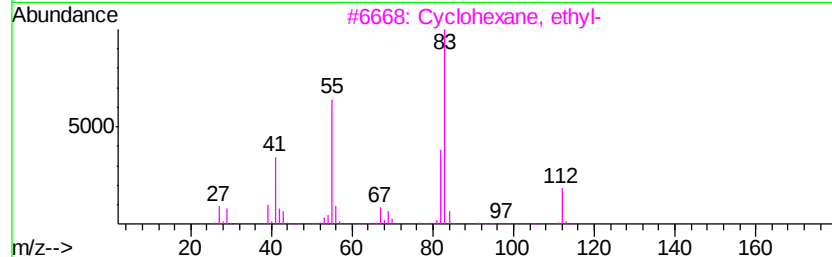
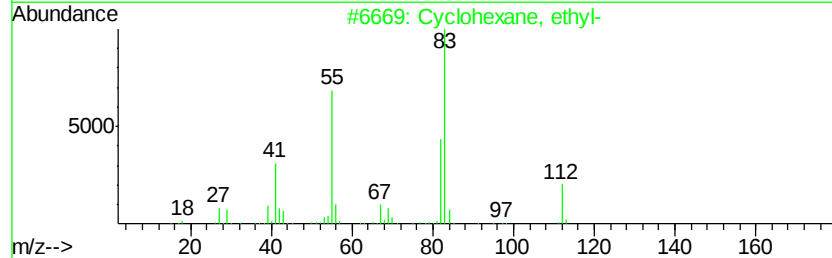
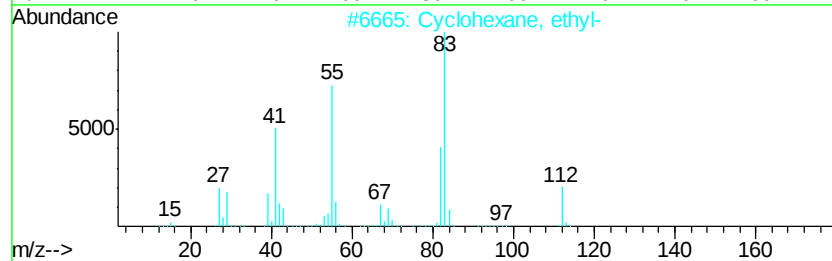
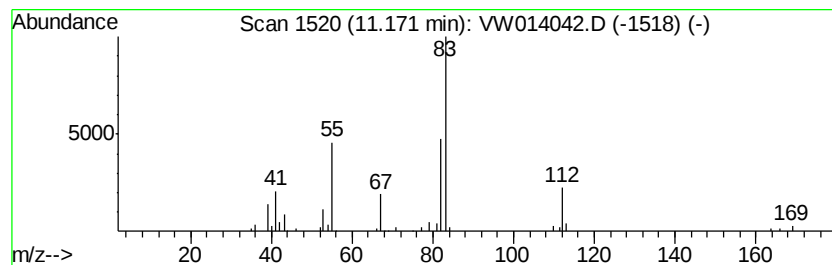
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic11.17 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	1.59 ug/L	34843	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	50
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	50
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	40
5			2H-Pyran-2-carboxaldehyde, 3,4-d...	112	C6H8O2	000100-73-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

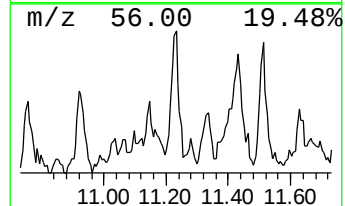
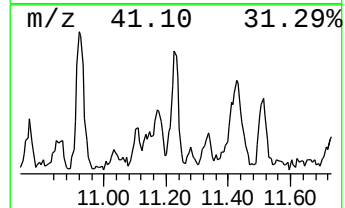
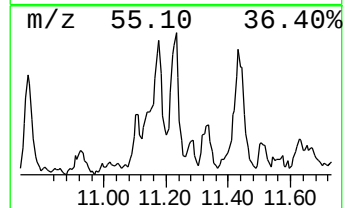
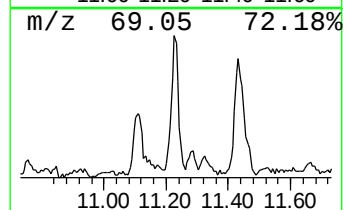
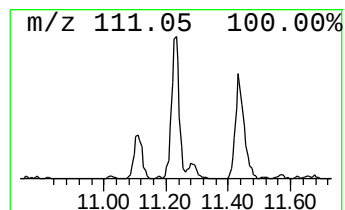
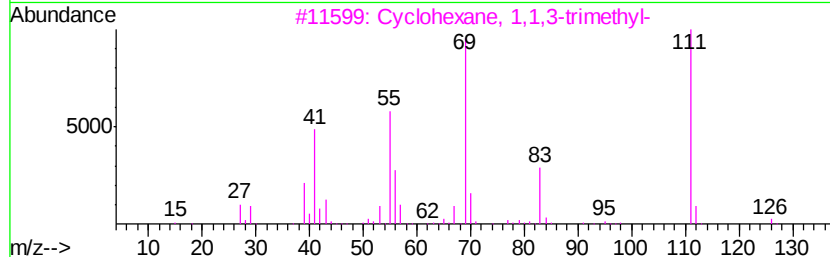
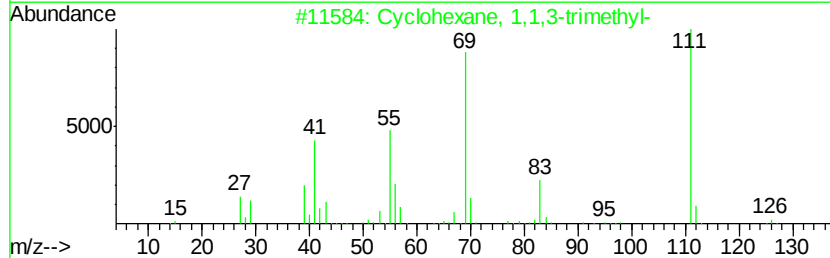
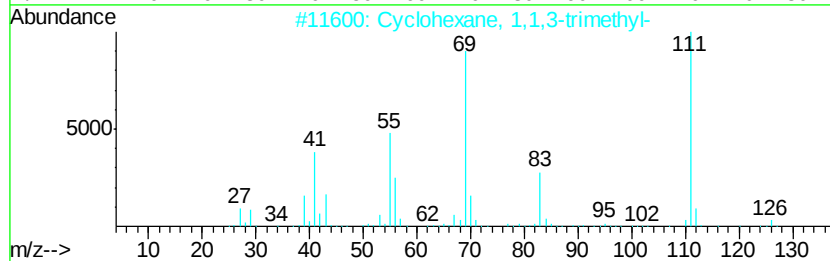
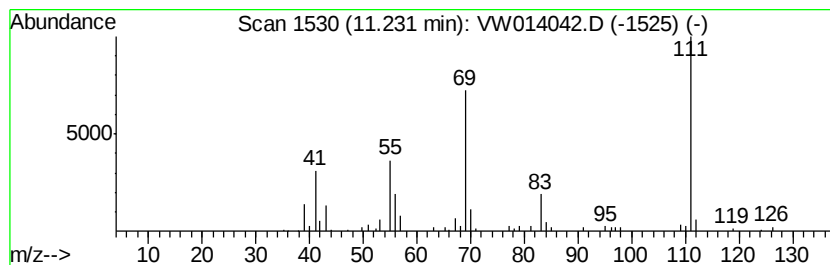
Instrument :
MSVOA_W
ClientSampleId :
ETOP3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic11.23 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.23	3.35 ug/L	73262	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
4	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	72
5	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

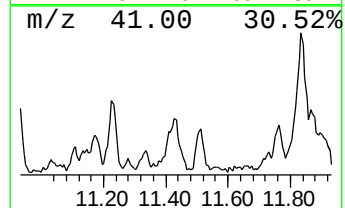
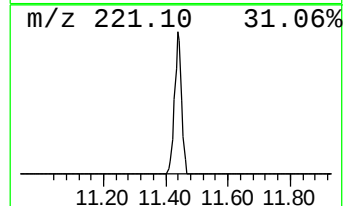
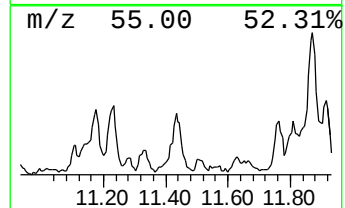
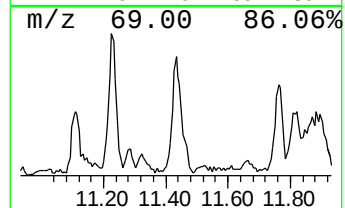
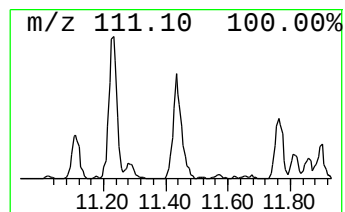
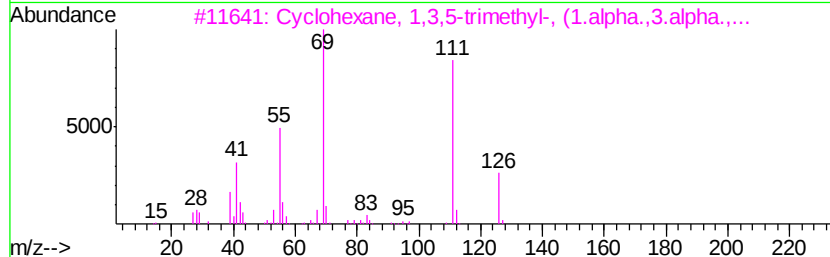
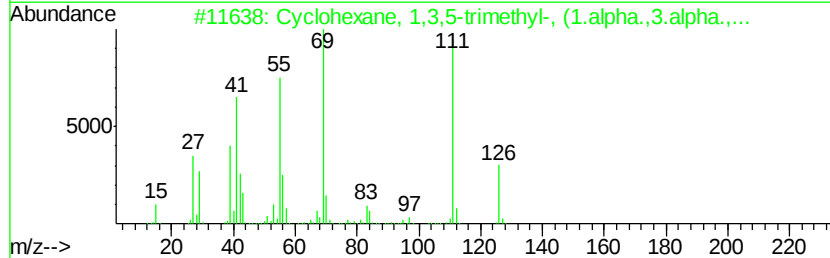
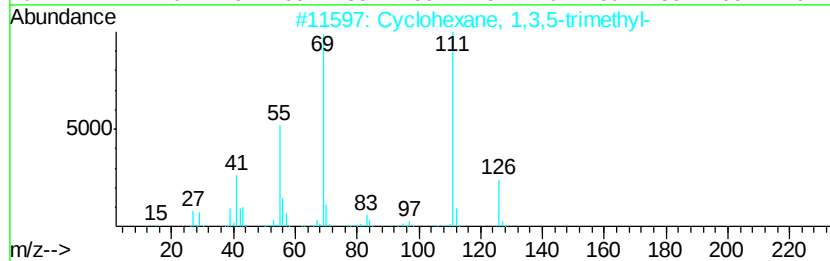
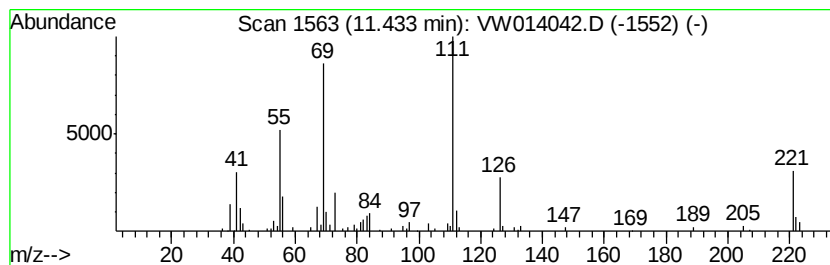
Instrument :
MSVOA_W
ClientSampleId :
ETOP3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic11.43 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.43	5.24 ug/L	114680	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	93
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	76
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	76
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	76
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP3

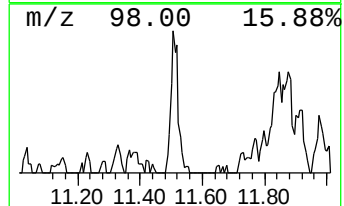
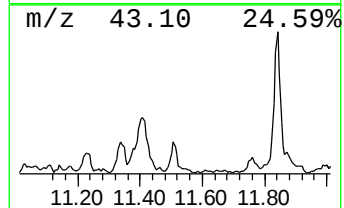
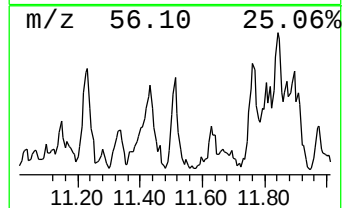
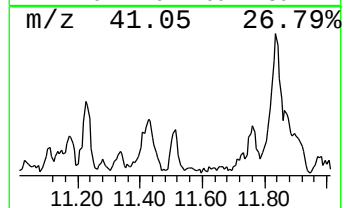
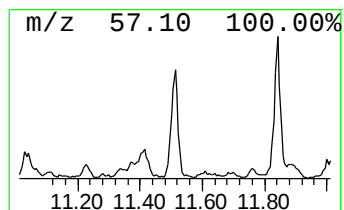
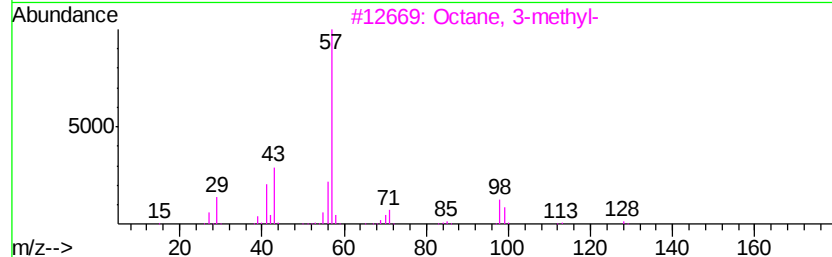
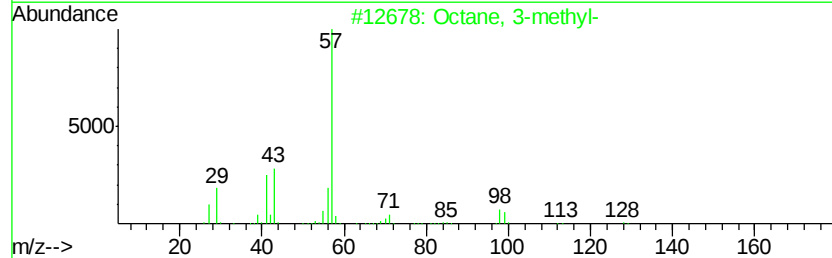
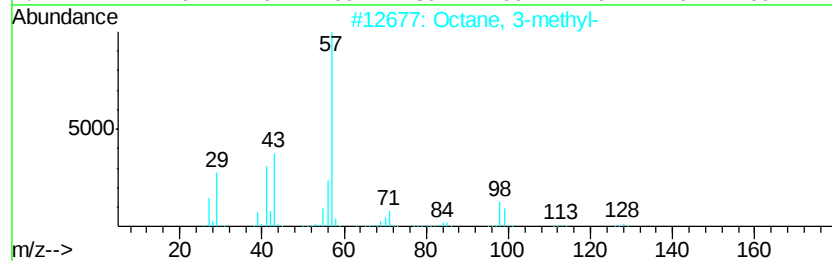
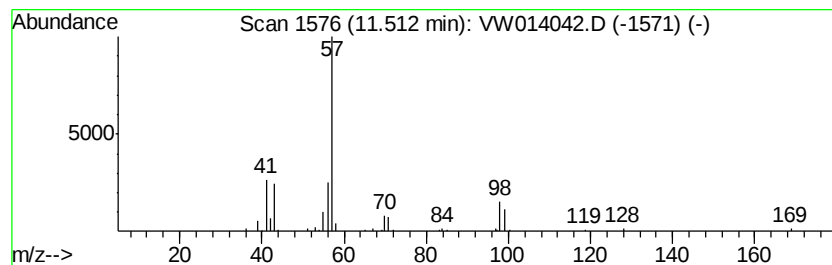
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	1.41 ug/L	30849	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	81
2		Octane, 3-methyl-	128	C9H20	002216-33-3	72
3		Octane, 3-methyl-	128	C9H20	002216-33-3	72
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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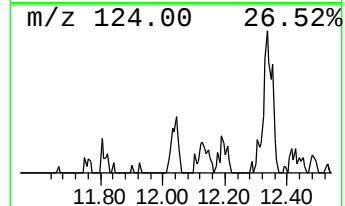
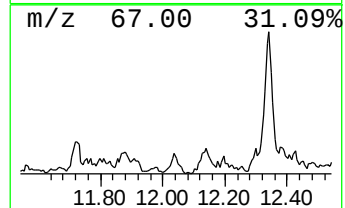
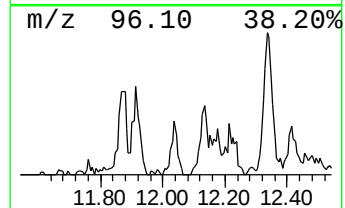
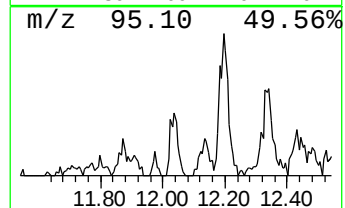
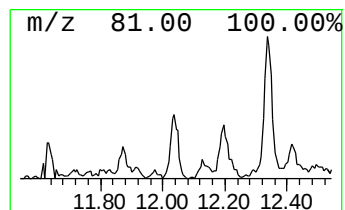
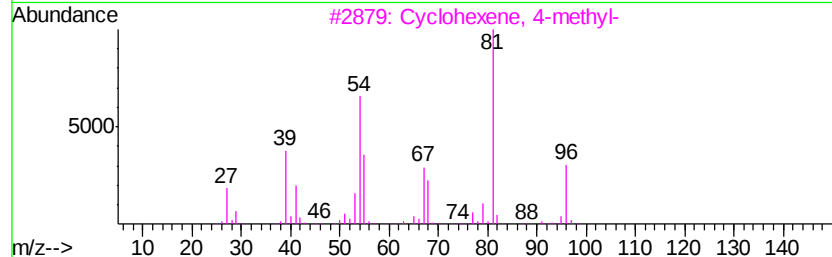
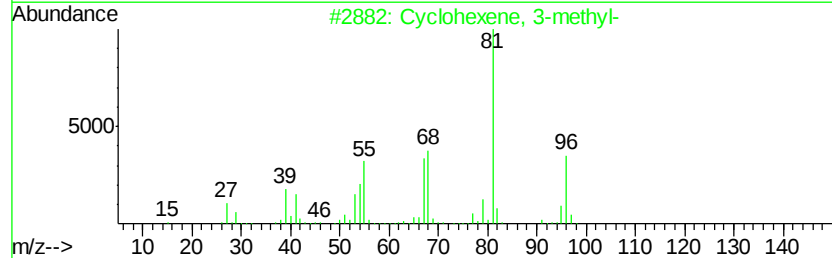
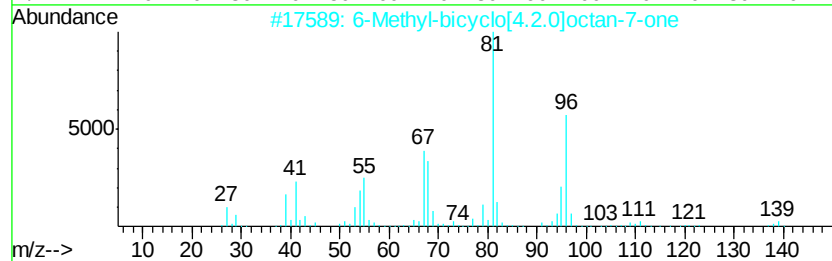
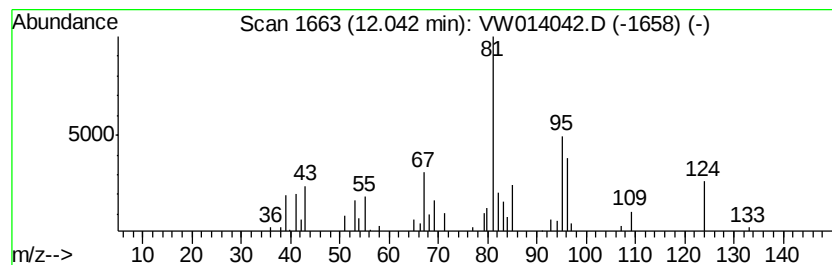
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Quant Title : VOC Analysis

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

Peak Number 10 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	1.44 ug/L	31607	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1000193-87-2	47
2			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	46
3			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46
4			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	46
5			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP3

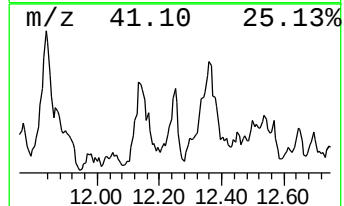
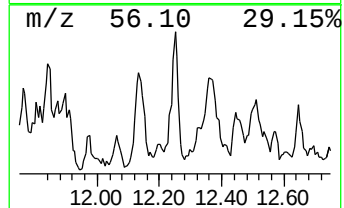
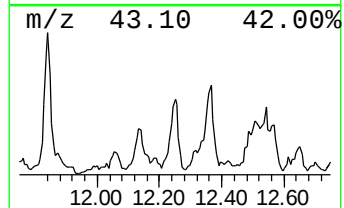
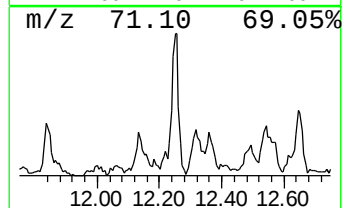
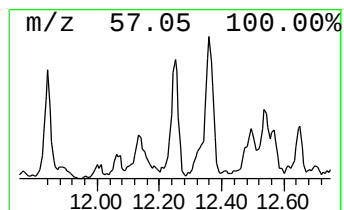
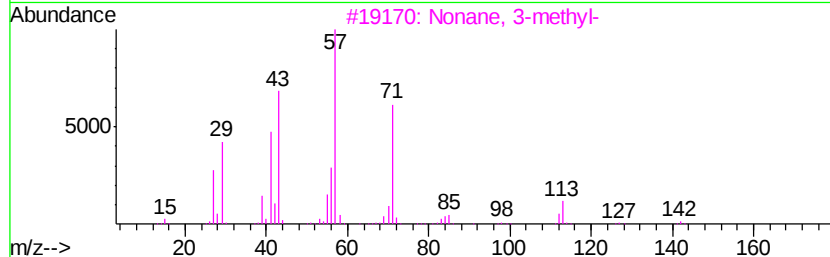
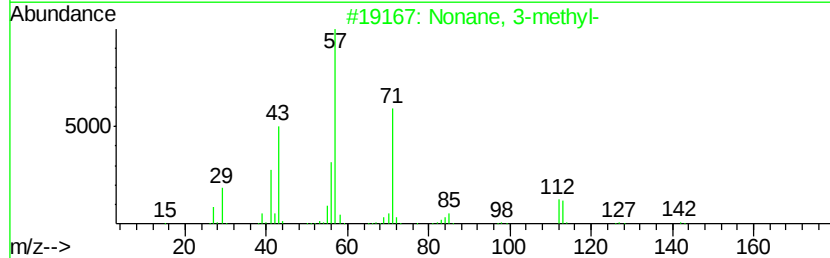
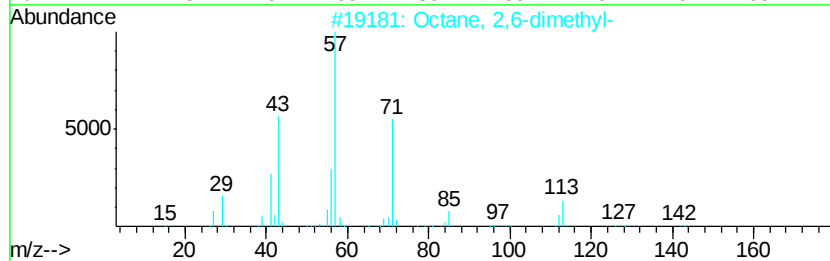
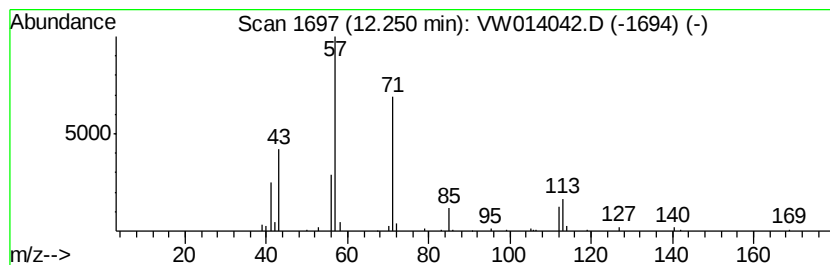
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	2.58 ug/L	56597	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	87
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	86
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
ETOP3

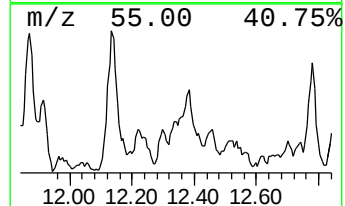
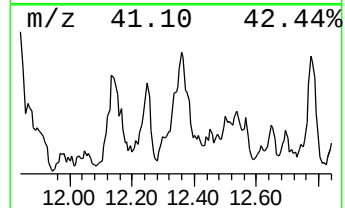
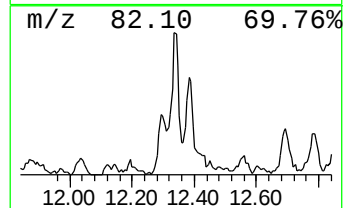
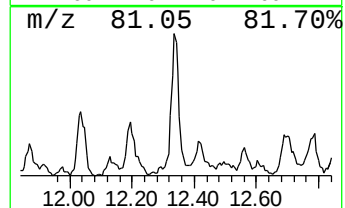
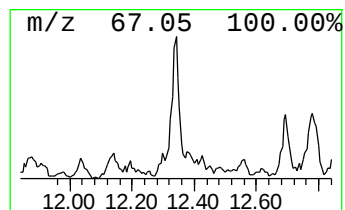
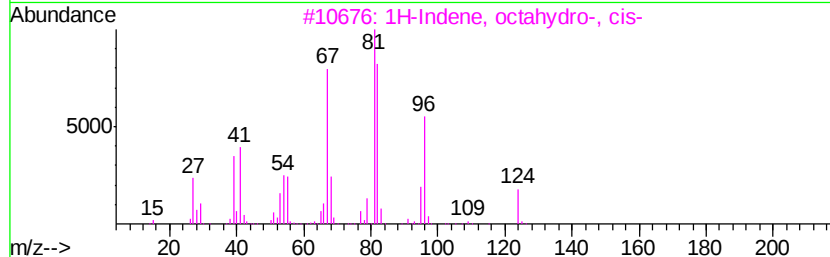
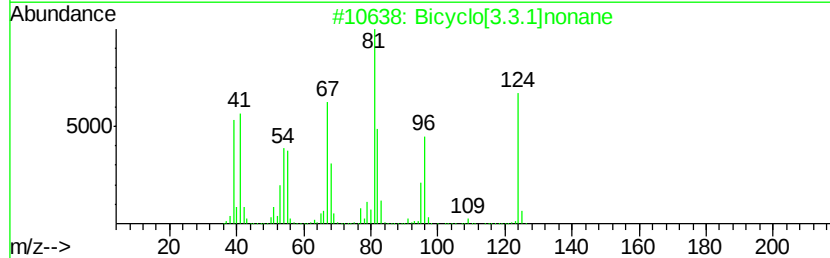
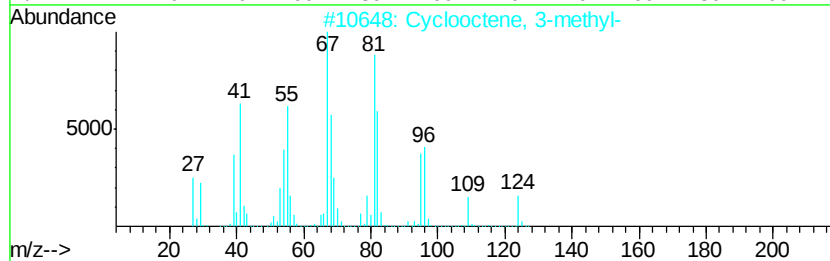
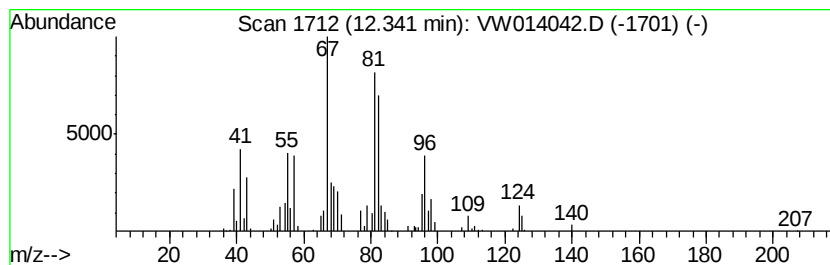
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Quant Title : VOC Analysis

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

Peak Number 12 Cyclooctene, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	5.11 ug/L	111932	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	80
2		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	76
3		1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	70
4		Propylidencyclohexane	124	C9H16	002129-93-3	58
5		Cyclohexene, 4-propyl-	124	C9H16	013487-64-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

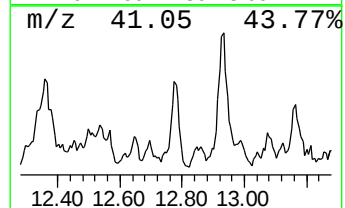
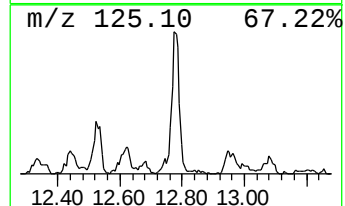
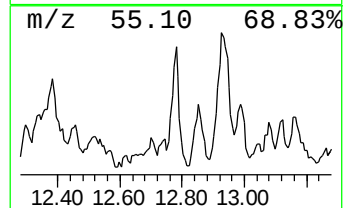
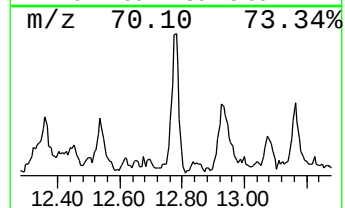
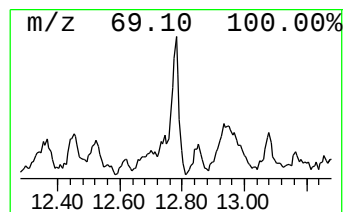
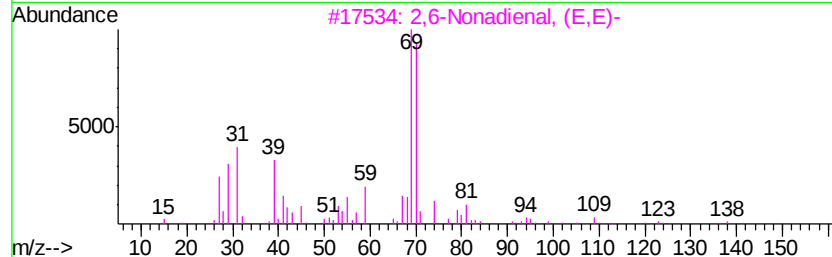
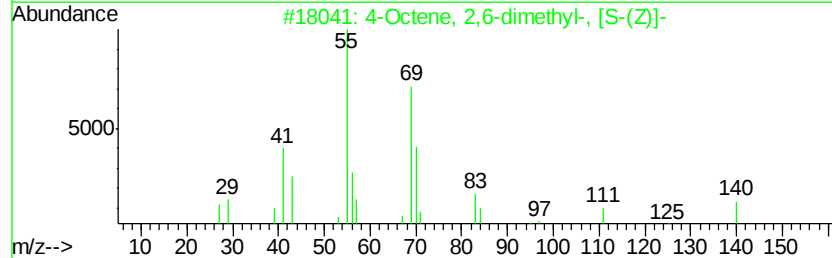
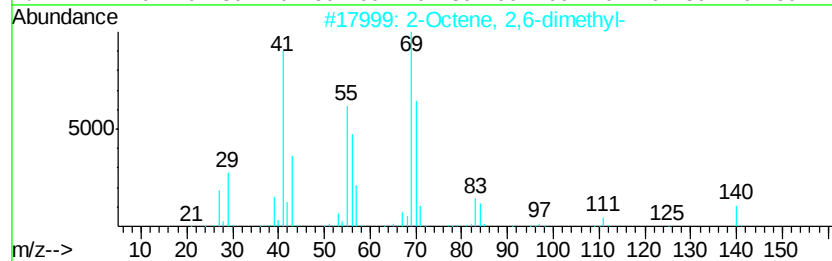
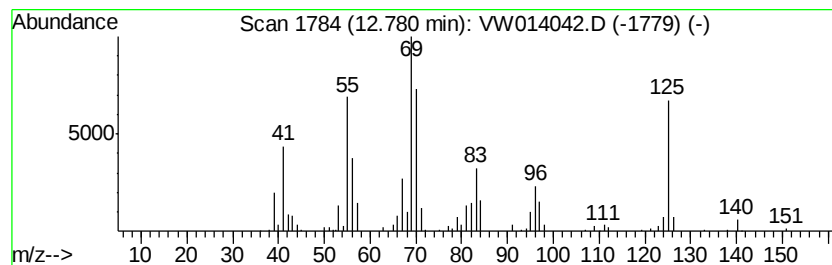
Instrument :
MSVOA_W
ClientSampleId :
ETOP3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic12.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	12.92 ug/L	136733	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Octene, 2,6-dimethyl-	140 C10H20	004057-42-5	64
2	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140 C10H20	062960-77-4	58
3	2,6-Nonadienal, (E,E)-	138 C9H14O	017587-33-6	46
4	4-Octene, 2,6-dimethyl-, [S-(E)]-	140 C10H20	062960-76-3	43
5	Zinc, bis[2-(1,1-dimethylethyl)-...	314 C18H34Zn	074793-36-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP3

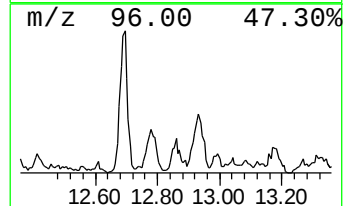
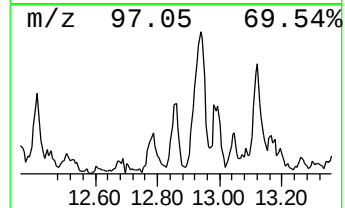
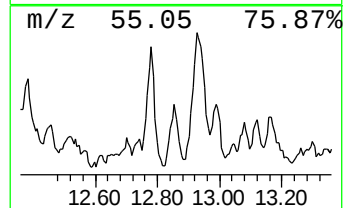
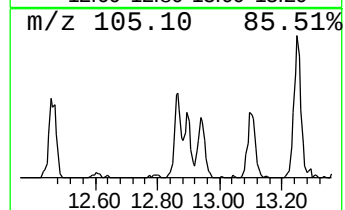
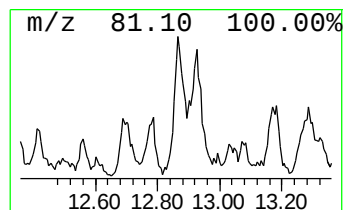
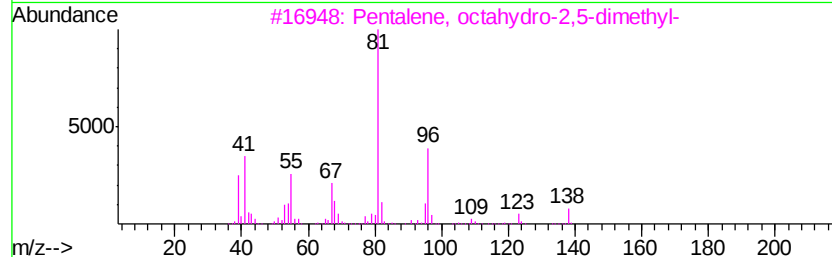
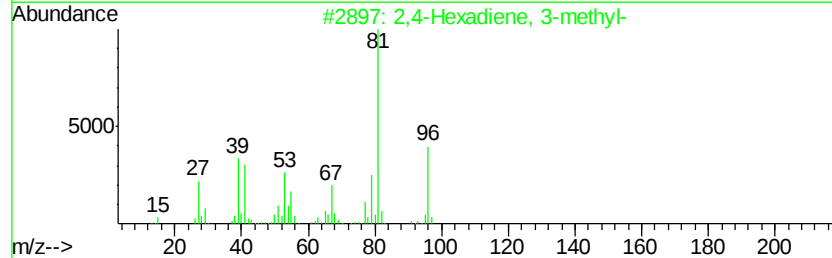
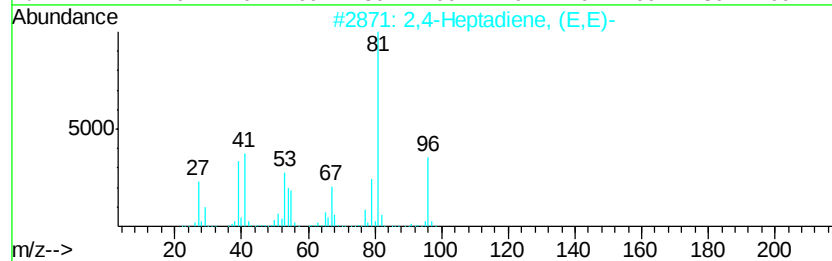
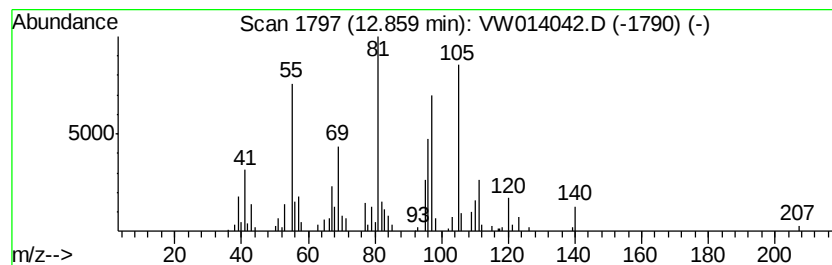
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Quant Title : VOC Analysis

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

Peak Number 15 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	6.65 ug/L	70343	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	43
2		2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	43
3		Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	43
4		1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	43
5		2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

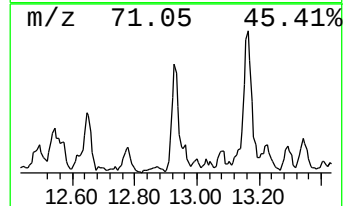
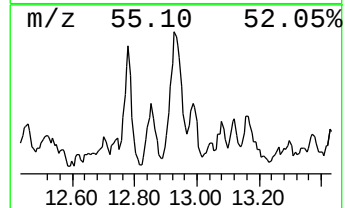
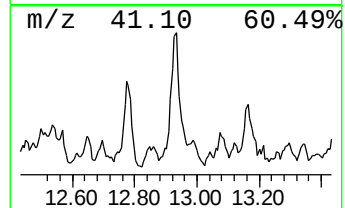
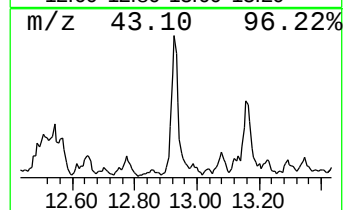
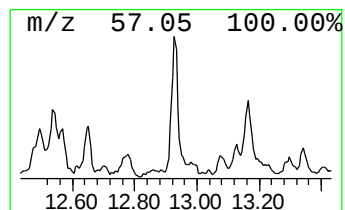
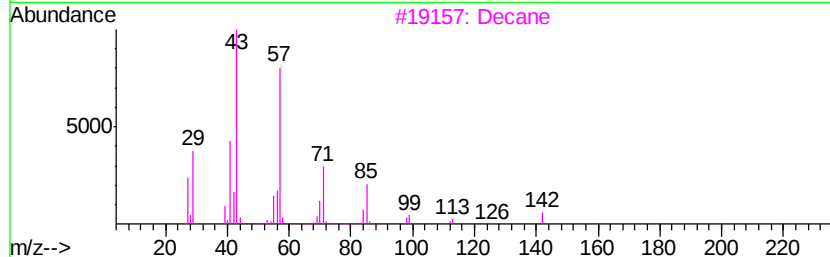
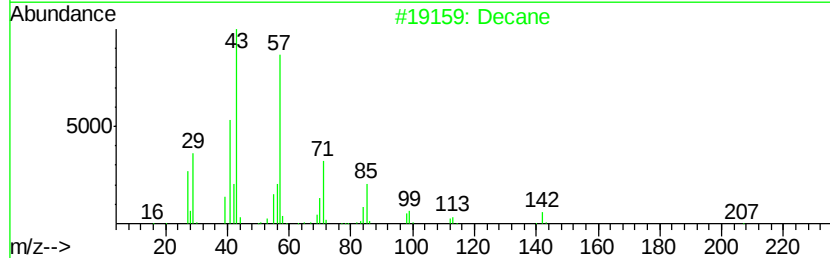
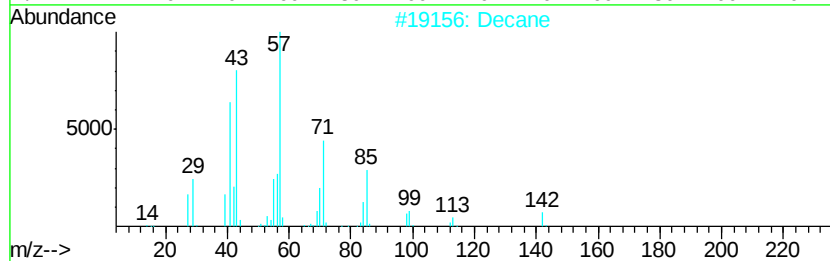
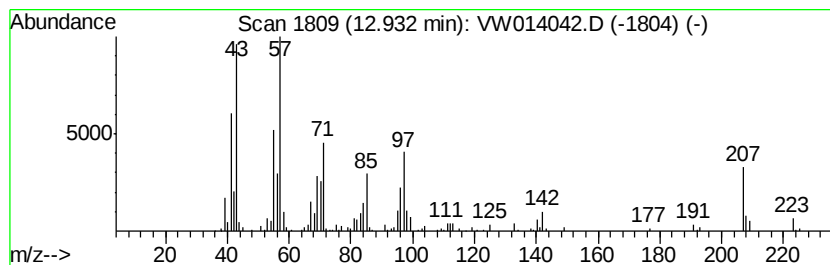
Instrument :
MSVOA_W
ClientSampleId :
ETOP3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	16.00 ug/L	169333	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane		142 C10H22	000124-18-5 89
2	Decane		142 C10H22	000124-18-5 46
3	Decane		142 C10H22	000124-18-5 46
4	Hexatriacontyl pentafluoropropio...		669 C39H73F5O2	1000351-89-0 43
5	Oxalic acid, allyl hexadecyl ester		354 C21H38O4	1000309-24-4 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

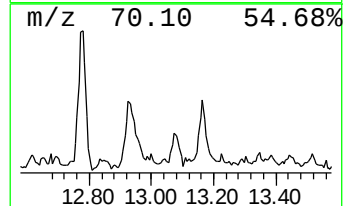
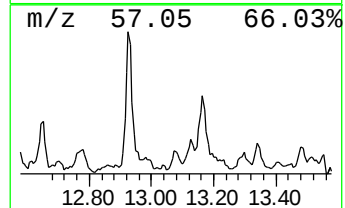
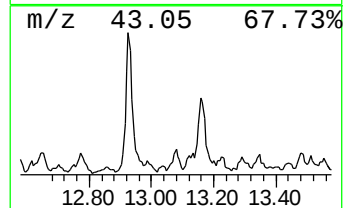
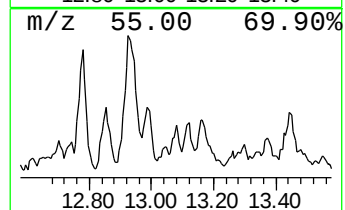
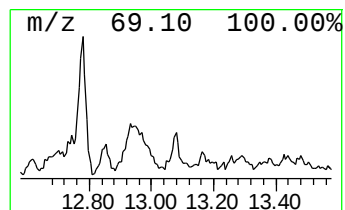
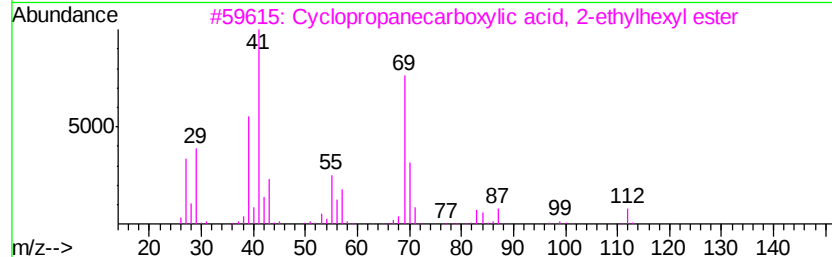
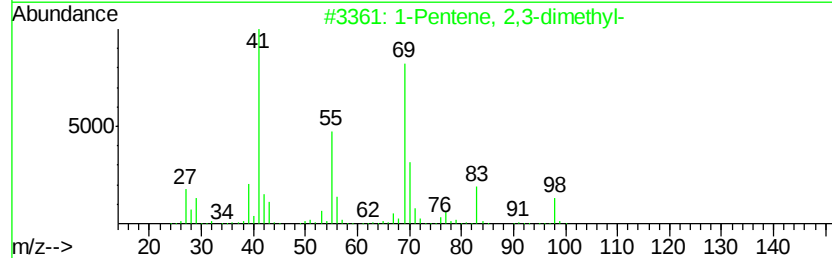
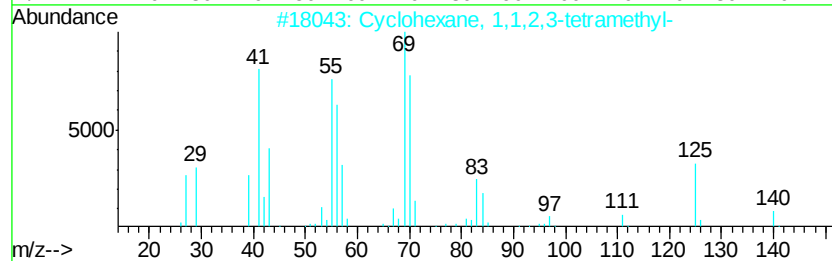
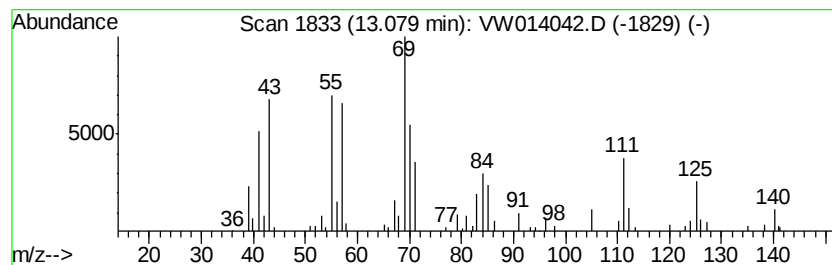
Instrument :
MSVOA_W
ClientSampleId :
ETOP3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic13.08 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.08	3.09 ug/L	32708	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	58
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	46
3	Cyclopropanecarboxylic acid, 2-e...	198	C12H22O2	103604-31-5	38
4	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	38
5	Cyclooctane, ethyl-	140	C10H20	013152-02-8	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP3

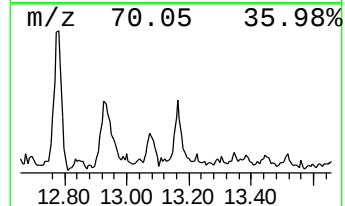
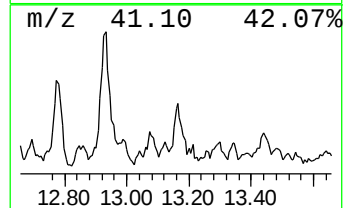
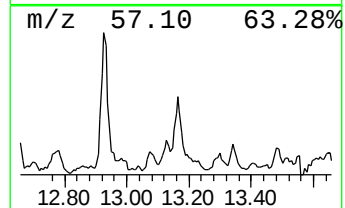
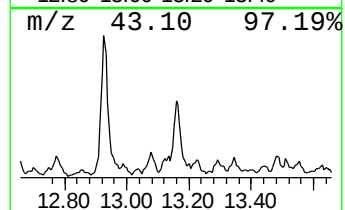
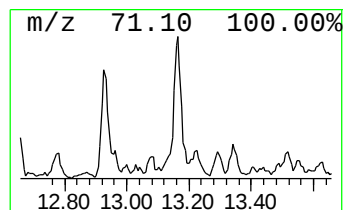
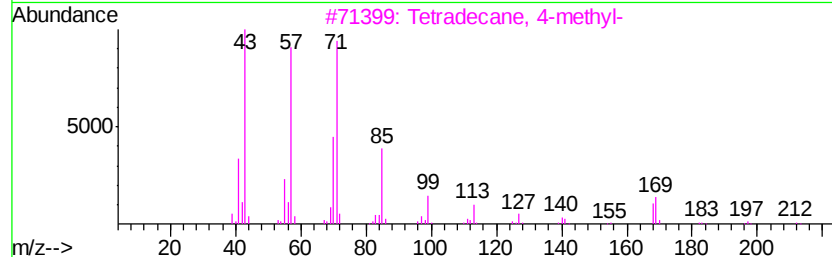
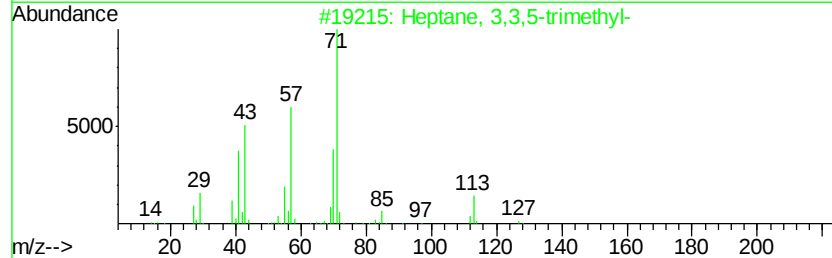
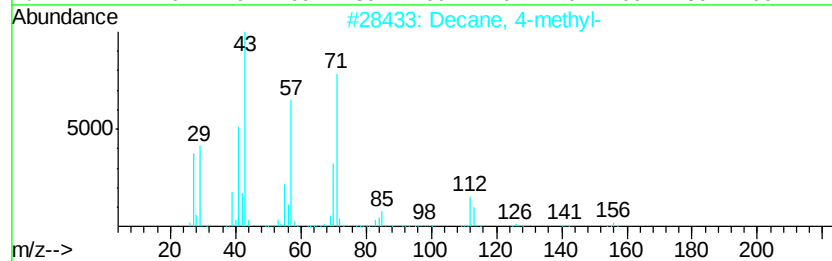
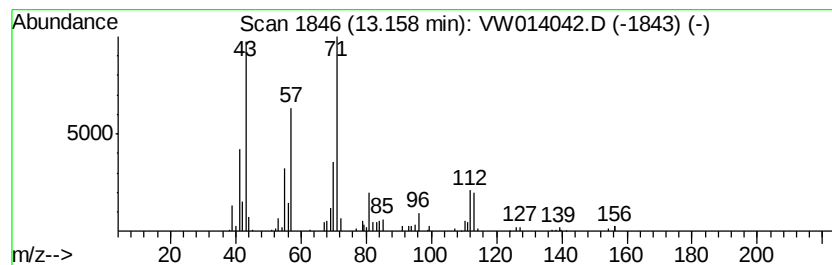
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	7.19 ug/L	76126	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	80
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
4		Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	64
5		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

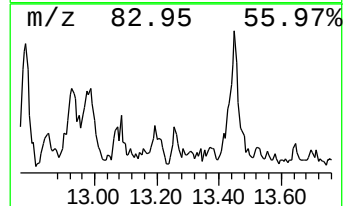
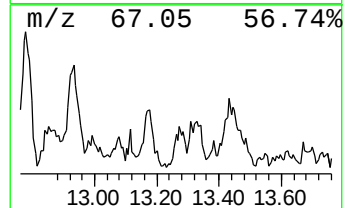
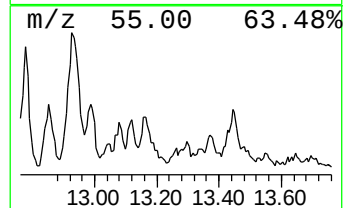
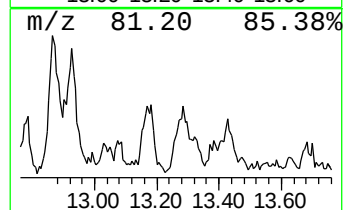
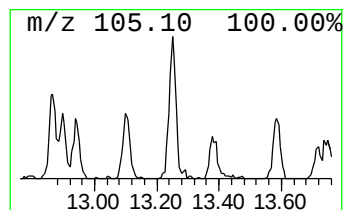
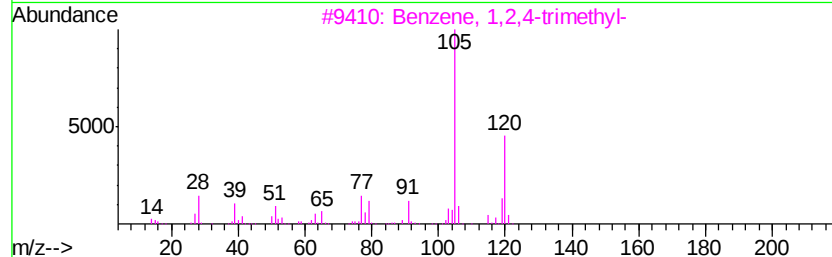
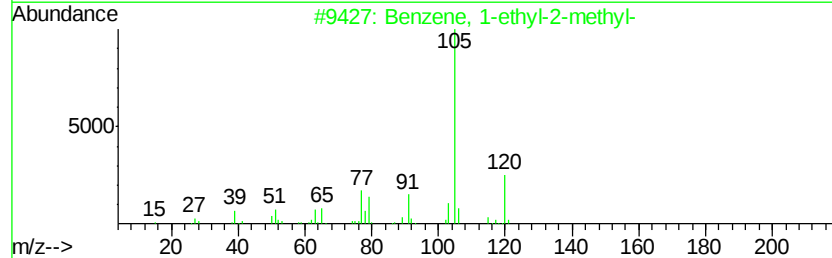
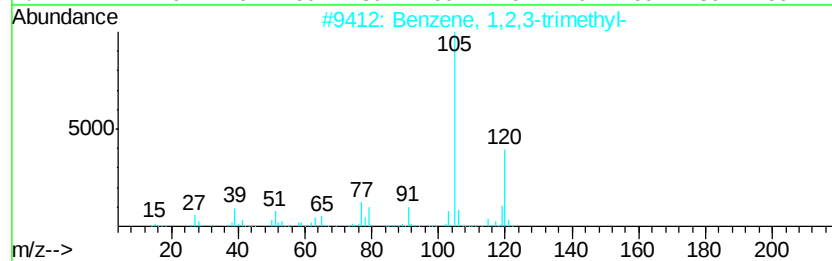
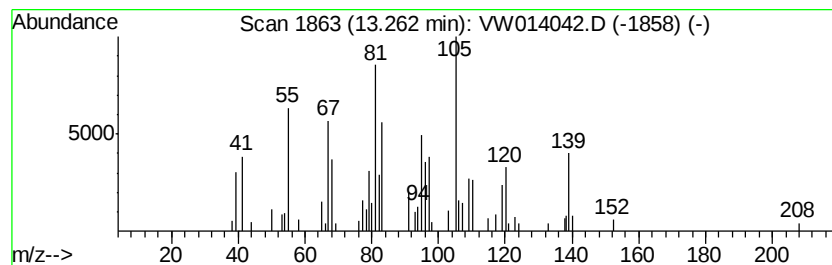
Instrument :
MSVOA_W
ClientSampled :
ETOP3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.26	1.86 ug/L	19712	1,4-Dichlorobenzene-d4		13.56
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	50
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	46
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	45
4	Mesitylene	120	C9H12	000108-67-8	45
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP3

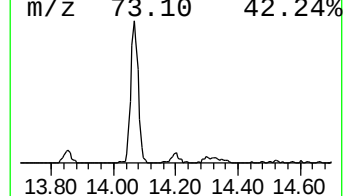
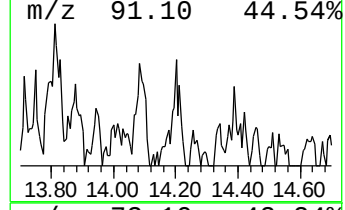
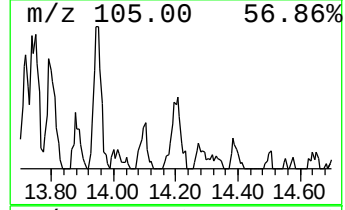
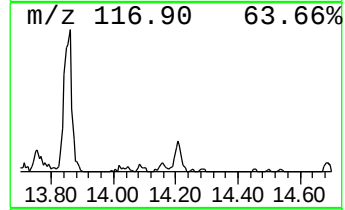
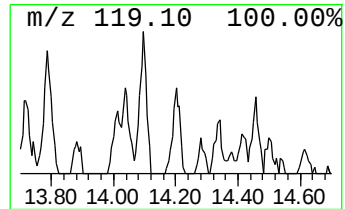
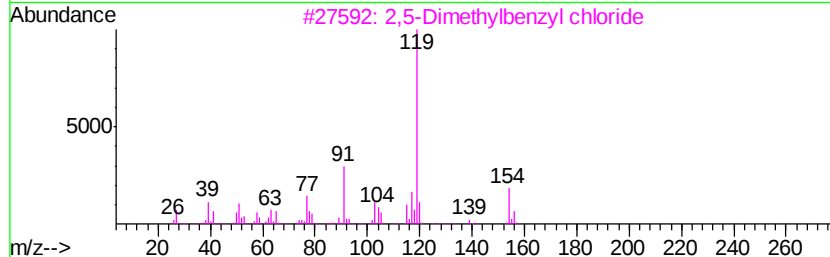
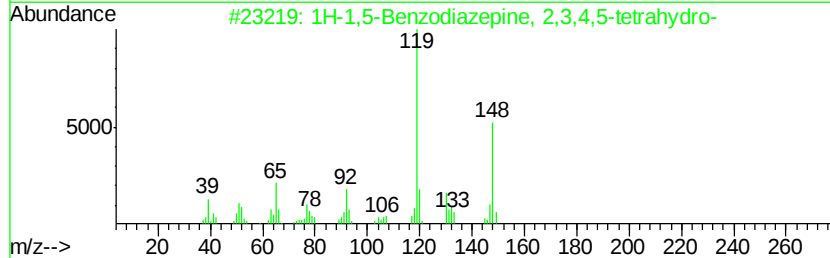
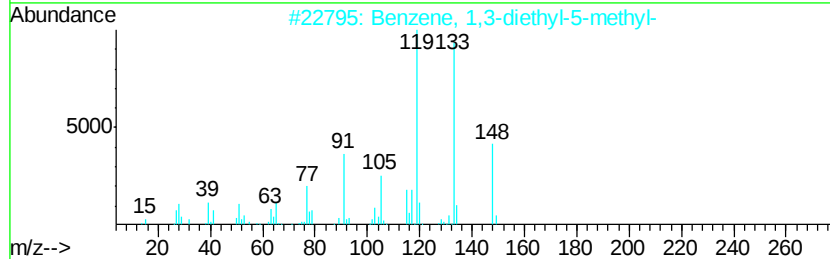
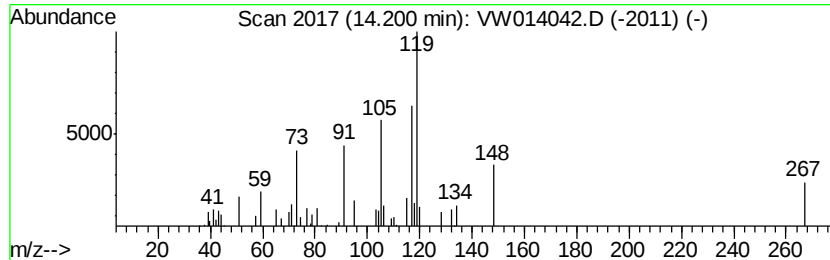
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Quant Title : VOC Analysis

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

Peak Number 21 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	1.41 ug/L	14944	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
2			1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	43
3			2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	35
4			Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	35
5			3-Methoxy-5-(p-tolyl)isoxazole	189	C11H11NO2	1000241-45-5	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
ETOP3

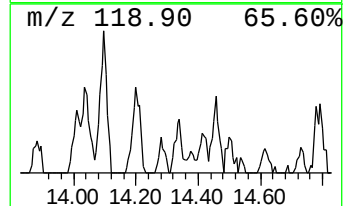
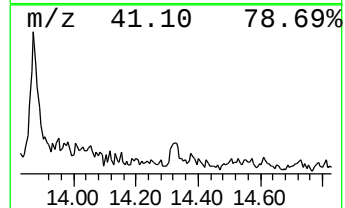
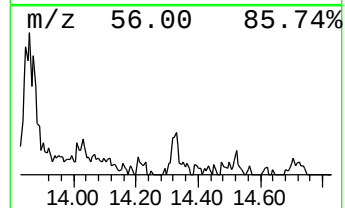
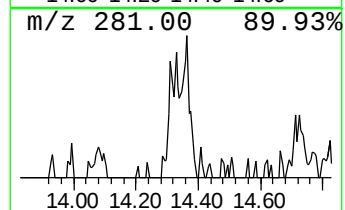
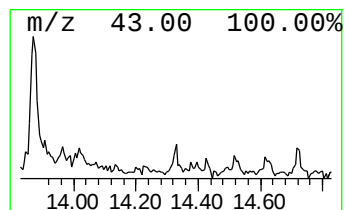
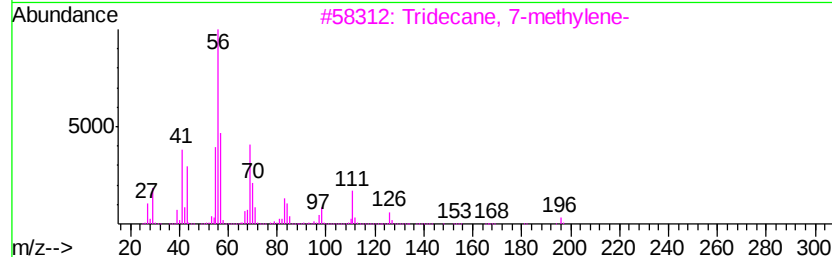
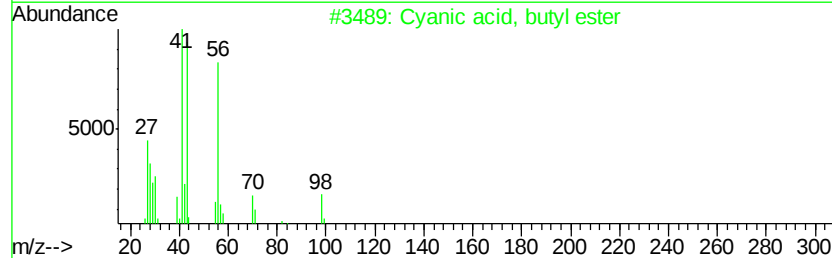
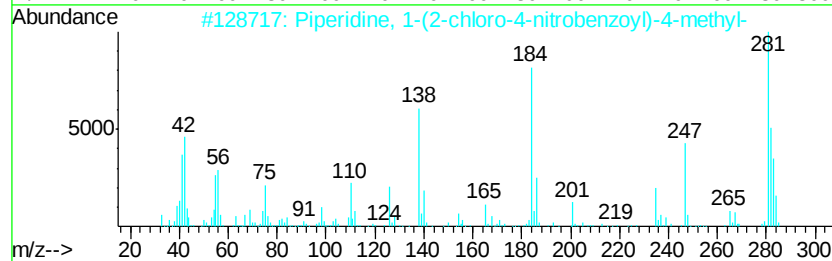
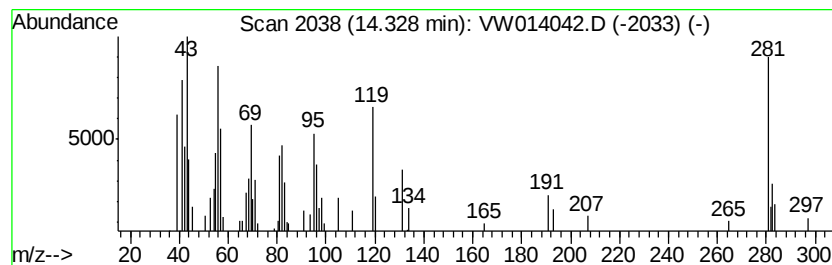
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Quant Title : VOC Analysis

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

Peak Number 22 unknown-04 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	1.36 ug/L	14410	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Piperidine, 1-(2-chloro-4-nitrobenzoyl)-4-methyl-	282	C13H15ClN2O3	282104-35-2	22
2			Cyanic acid, butyl ester	99	C5H9NO	001768-24-7	11
3			Tridecane, 7-methylene-	196	C14H28	019780-80-4	10
4			Propionamide, 3-[1-cycloazapropy]-	197	C8H11N3OS	026865-80-5	10
5			3-Undecene, 10-methyl-	168	C12H24	1000061-84-5	10



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP3

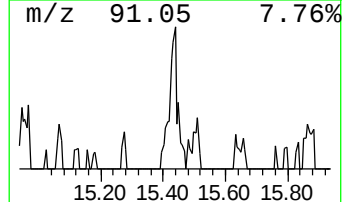
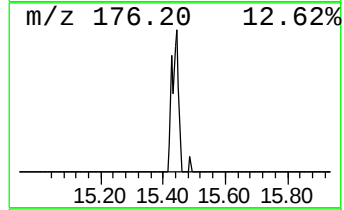
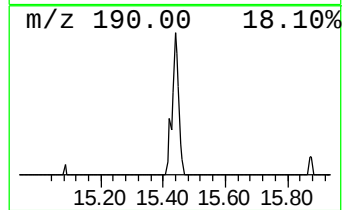
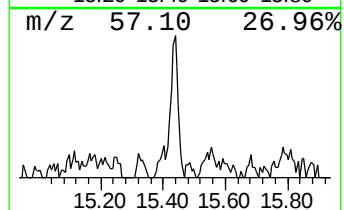
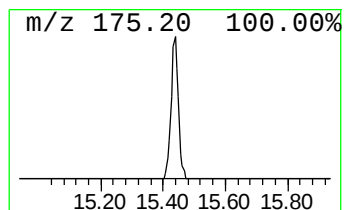
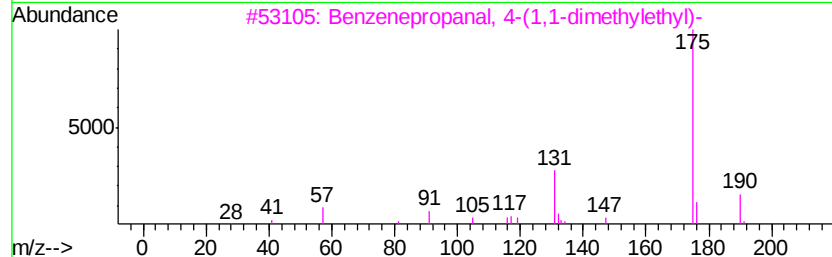
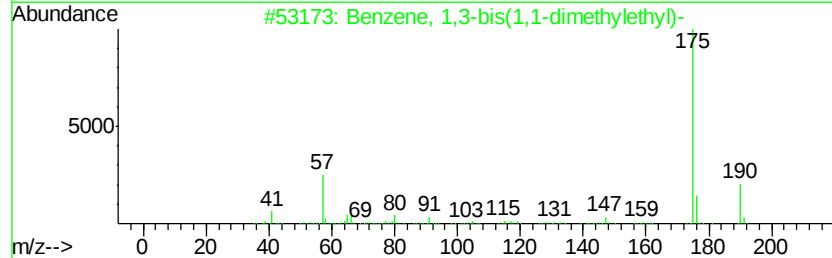
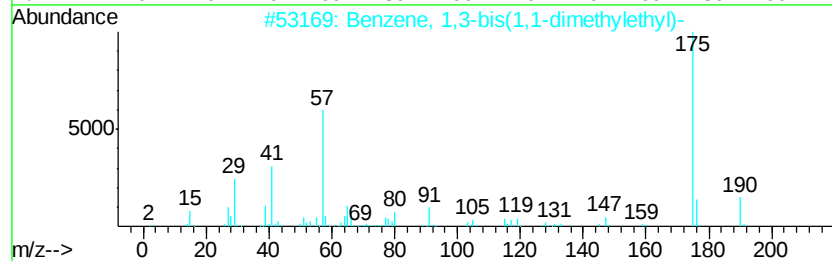
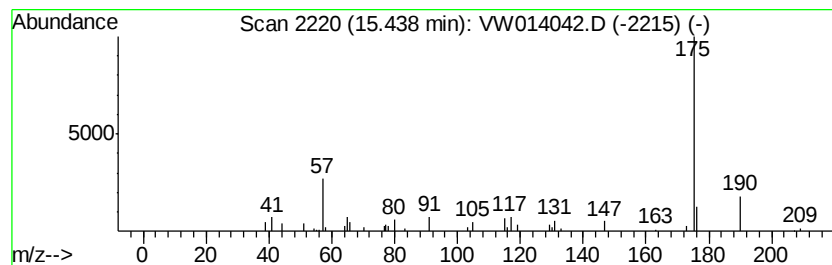
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 24 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.88 ug/L	19871	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
3			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	80
5			Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
 Data File : VW014042.D
 Acq On : 15 Nov 2019 15:47
 Operator : SY/VA
 Sample : K5811-05
 Misc : 3.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOP3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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
Dimethyl ether	2.15	2.0	ug/L	49291	1	8.84	625163	25.0
Hexyl octyl ether	10.51	1.3	ug/L	28684	2	11.63	547544	25.0
(DEL) Alkane: Cyc...	11.17	1.6	ug/L	34843	2	11.63	547544	25.0
(DEL) Alkane: Cyc...	11.23	3.4	ug/L	73262	2	11.63	547544	25.0
(DEL) Alkane: Cyc...	11.43	5.2	ug/L	114680	2	11.63	547544	25.0
(DEL) Alkane: Str...	11.51	1.4	ug/L	30849	2	11.63	547544	25.0
unknown-01	12.04	1.4	ug/L	31607	2	11.63	547544	25.0
(DEL) Alkane: Str...	12.25	2.6	ug/L	56597	2	11.63	547544	25.0
Cyclooctene, 3-me...	12.34	5.1	ug/L	111932	2	11.63	547544	25.0
(DEL) Alkane: Cyc...	12.78	12.9	ug/L	136733	3	13.56	264526	25.0
unknown-02	12.86	6.7	ug/L	70343	3	13.56	264526	25.0
(DEL) Alkane: Str...	12.93	16.0	ug/L	169333	3	13.56	264526	25.0
(DEL) Alkane: Cyc...	13.08	3.1	ug/L	32708	3	13.56	264526	25.0
(DEL) Alkane: Str...	13.16	7.2	ug/L	76126	3	13.56	264526	25.0
Benzene, 1,2,3-tr...	13.26	1.9	ug/L	19712	3	13.56	264526	25.0
unknown-03	14.20	1.4	ug/L	14944	3	13.56	264526	25.0
unknown-04	14.33	1.4	ug/L	14410	3	13.56	264526	25.0
Benzene, 1,3-bis(...	15.44	1.9	ug/L	19871	3	13.56	264526	25.0