

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
 Data File : VW017904.D
 Acq On : 15 Jan 2021 17:46
 Operator : SY/VA
 Sample : M1099-15
 Misc : 5.52G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C11

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\SOM2WLM122420S.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	37	41	42	rBV	2710	2949	0.49%	0.057%
2	2.203	47	49	50	rBV2	1532	1195	0.20%	0.023%
3	2.349	65	73	80	rBV	62280	106421	17.54%	2.054%
4	2.623	115	118	124	rVB2	5292	8336	1.37%	0.161%
5	2.885	155	161	172	rVB	45354	99355	16.37%	1.918%
6	3.020	181	183	188	rBV6	1958	1484	0.24%	0.029%
7	3.288	224	227	230	rBV3	688	1097	0.18%	0.021%
8	3.477	256	258	261	rBV3	681	786	0.13%	0.015%
9	3.562	269	272	275	rVB3	608	796	0.13%	0.015%
10	3.654	284	287	289	rBV4	567	773	0.13%	0.015%
11	4.019	334	347	358	rBV2	73395	220158	36.28%	4.249%
12	4.117	358	363	371	rVV2	5759	13961	2.30%	0.269%
13	4.190	373	375	377	rVV3	720	680	0.11%	0.013%
14	4.208	377	378	381	rVB3	1055	716	0.12%	0.014%
15	4.300	390	393	395	rVB3	687	726	0.12%	0.014%
16	4.379	400	406	417	rVB	4295	12674	2.09%	0.245%
17	4.916	484	494	505	rVV3	8382	28237	4.65%	0.545%
18	5.086	520	522	524	rBV3	900	710	0.12%	0.014%
19	5.178	534	537	542	rVV5	522	838	0.14%	0.016%
20	5.330	558	562	567	rBV4	602	1240	0.20%	0.024%
21	5.440	577	580	583	rVV4	747	1087	0.18%	0.021%
22	5.592	602	605	608	rBV5	790	1119	0.18%	0.022%
23	5.678	617	619	623	rVB2	600	700	0.12%	0.014%
24	5.708	623	624	630	rBV3	717	890	0.15%	0.017%
25	5.897	650	655	656	rVB3	558	816	0.13%	0.016%
26	5.946	656	663	667	rBV5	2380	5604	0.92%	0.108%
27	7.080	839	849	855	rBV2	17156	49478	8.15%	0.955%
28	7.519	918	921	924	rBV5	710	781	0.13%	0.015%
29	7.647	932	942	955	rVV	106464	261087	43.02%	5.039%
30	7.769	961	962	965	rVB2	723	676	0.11%	0.013%
31	7.982	994	997	1000	rBV2	805	983	0.16%	0.019%
32	8.013	1000	1002	1004	rBV2	994	922	0.15%	0.018%
33	8.037	1004	1006	1011	rVB3	671	794	0.13%	0.015%
34	8.275	1035	1045	1060	rBV2	199822	606876	100.00%	11.714%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	8.415	1065	1068	1072	rBV4	805	1327	0.22%	0.026%
36	8.482	1074	1079	1082	rBV3	990	1711	0.28%	0.033%
37	8.683	1109	1112	1114	rBV2	757	889	0.15%	0.017%
38	8.714	1114	1117	1124	rVB6	933	1745	0.29%	0.034%
39	8.842	1128	1138	1151	rBV	188779	374554	61.72%	7.230%
40	8.933	1151	1153	1155	rVB2	759	711	0.12%	0.014%
41	9.073	1167	1176	1182	rBV5	6767	15653	2.58%	0.302%
42	9.275	1201	1209	1224	rBV	136445	290419	47.85%	5.606%
43	9.384	1224	1227	1228	rVV3	616	738	0.12%	0.014%
44	9.451	1235	1238	1239	rBV3	663	823	0.14%	0.016%
45	9.531	1246	1251	1257	rVB5	5329	8496	1.40%	0.164%
46	9.592	1257	1261	1262	rBV3	885	760	0.13%	0.015%
47	9.671	1269	1274	1275	rBV5	1183	1276	0.21%	0.025%
48	9.756	1286	1288	1292	rVB4	2028	2615	0.43%	0.050%
49	9.896	1306	1311	1315	rBV5	3613	6482	1.07%	0.125%
50	9.988	1321	1326	1327	rBV4	1073	1671	0.28%	0.032%
51	10.037	1327	1334	1341	rVV	65691	116814	19.25%	2.255%
52	10.140	1348	1351	1356	rVB5	1858	3562	0.59%	0.069%
53	10.250	1360	1369	1374	rBV3	11136	20720	3.41%	0.400%
54	10.323	1374	1381	1394	rVB	245358	440517	72.59%	8.503%
55	10.451	1397	1402	1405	rBV2	2228	3504	0.58%	0.068%
56	10.579	1417	1423	1433	rVB	40791	70926	11.69%	1.369%
57	10.665	1434	1437	1442	rVB5	1646	1863	0.31%	0.036%
58	10.713	1442	1445	1446	rBV3	1088	710	0.12%	0.014%
59	10.841	1458	1466	1473	rBV4	5758	13658	2.25%	0.264%
60	10.927	1473	1480	1495	rBV	53922	117261	19.32%	2.263%
61	11.061	1500	1502	1505	rVV4	1550	1715	0.28%	0.033%
62	11.110	1507	1510	1513	rVV5	2665	4002	0.66%	0.077%
63	11.140	1513	1515	1518	rVV3	2118	2284	0.38%	0.044%
64	11.183	1518	1522	1525	rVV5	1645	3162	0.52%	0.061%
65	11.219	1525	1528	1533	rVV5	4603	7919	1.30%	0.153%
66	11.274	1535	1537	1543	rVB5	3682	5212	0.86%	0.101%
67	11.402	1554	1558	1563	rBV6	5011	8463	1.39%	0.163%
68	11.524	1573	1578	1579	rBV5	746	1077	0.18%	0.021%
69	11.634	1588	1596	1604	rBV	219805	390725	64.38%	7.542%
70	11.768	1616	1618	1622	rVB4	1591	1722	0.28%	0.033%
71	11.823	1624	1627	1629	rBV4	1672	2024	0.33%	0.039%

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Integration Parameters: LSCINT.P

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72	11.975	1647	1652	1654	rBV4	2413	4111	0.68%	0.079%
73	12.109	1672	1674	1675	rBV2	2232	1761	0.29%	0.034%
74	12.609	1750	1756	1760	rBV6	5938	12939	2.13%	0.250%
75	12.695	1763	1770	1776	rVB	97738	174818	28.81%	3.374%
76	12.829	1790	1792	1793	rBV2	1546	1416	0.23%	0.027%
77	12.914	1803	1806	1809	rBV5	3094	4470	0.74%	0.086%
78	13.054	1825	1829	1835	rVB	7954	13593	2.24%	0.262%
79	13.121	1836	1840	1845	rBV2	12463	18199	3.00%	0.351%
80	13.182	1846	1850	1856	rBV9	5078	12525	2.06%	0.242%
81	13.262	1859	1863	1867	rBV4	8290	12858	2.12%	0.248%
82	13.402	1884	1886	1891	rVB5	4868	5765	0.95%	0.111%
83	13.493	1893	1901	1906	rVV4	37300	95794	15.78%	1.849%
84	13.554	1906	1911	1926	rVV2	151965	302140	49.79%	5.832%
85	13.768	1942	1946	1950	rBV2	38704	56357	9.29%	1.088%
86	13.810	1950	1953	1955	rVV2	25878	33174	5.47%	0.640%
87	13.853	1955	1960	1965	rVV	130306	234445	38.63%	4.525%
88	13.908	1965	1969	1976	rVB	116720	180584	29.76%	3.486%
89	13.975	1976	1980	1985	rBV2	28995	41535	6.84%	0.802%
90	14.066	1991	1995	2000	rVB2	16295	29961	4.94%	0.578%
91	14.158	2006	2010	2015	rVB	79329	121027	19.94%	2.336%
92	14.310	2031	2035	2041	rVB3	12856	23559	3.88%	0.455%
93	14.377	2043	2046	2051	rVV5	14236	22129	3.65%	0.427%
94	14.646	2085	2090	2096	rBV	76792	121381	20.00%	2.343%
95	14.725	2099	2103	2110	rVB3	32237	59081	9.74%	1.140%
96	14.969	2139	2143	2146	rBV3	14582	21771	3.59%	0.420%
97	15.487	2224	2228	2234	rBV	14183	26370	4.35%	0.509%
98	15.621	2244	2250	2256	rBV2	59898	106868	17.61%	2.063%
99	15.749	2268	2271	2275	rVB2	19903	27424	4.52%	0.529%
100	15.926	2295	2300	2305	rBV5	23204	52157	8.59%	1.007%

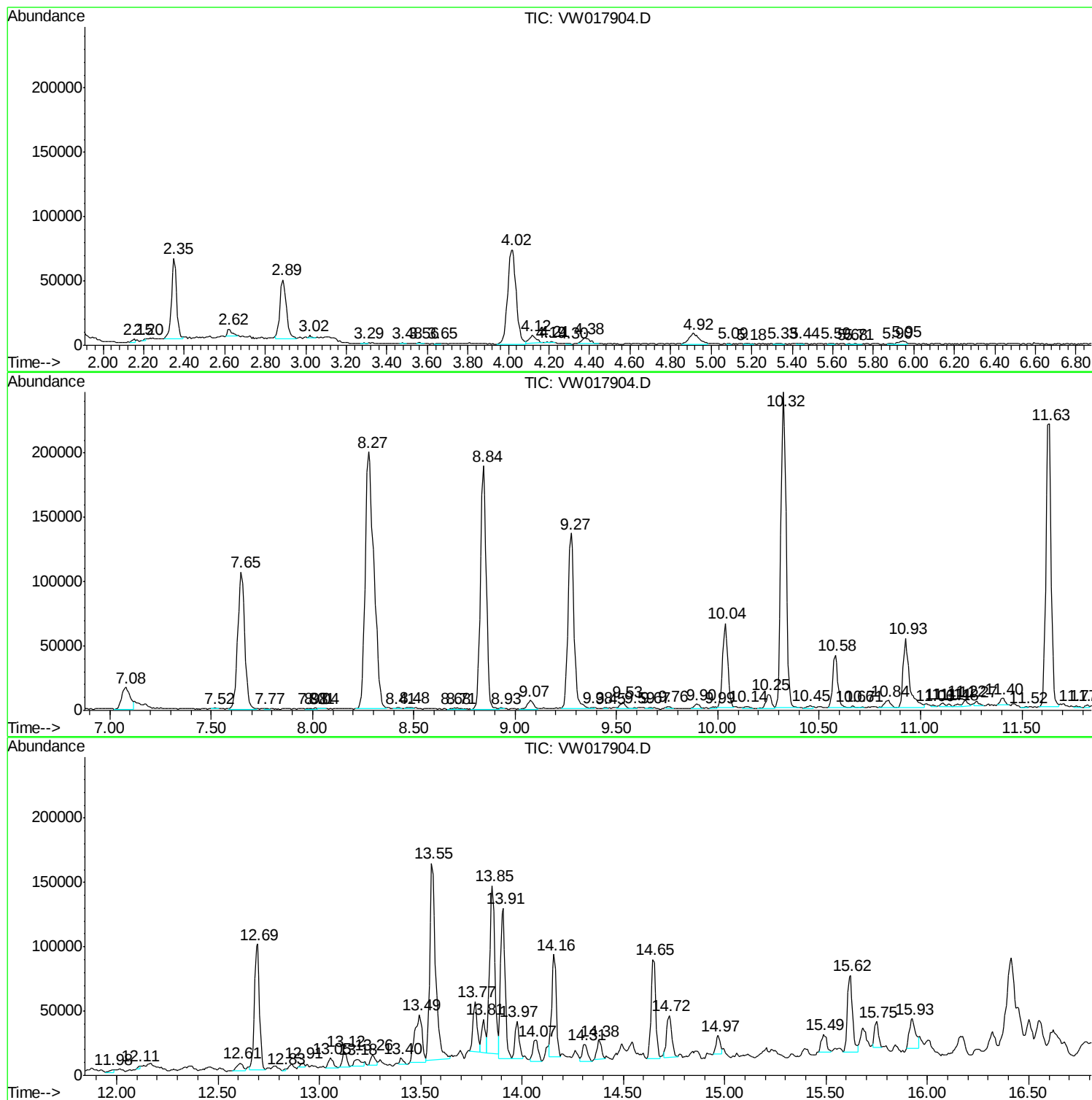
Sum of corrected areas: 5180867

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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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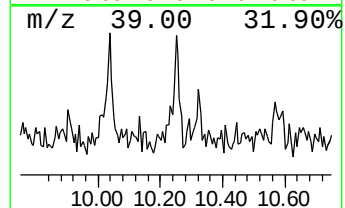
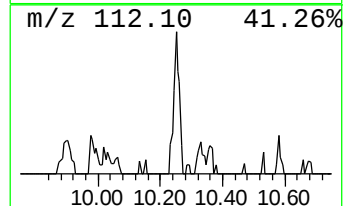
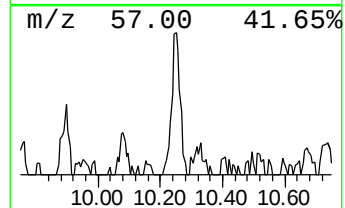
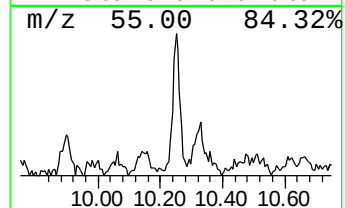
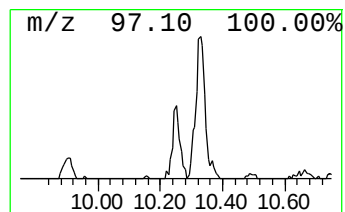
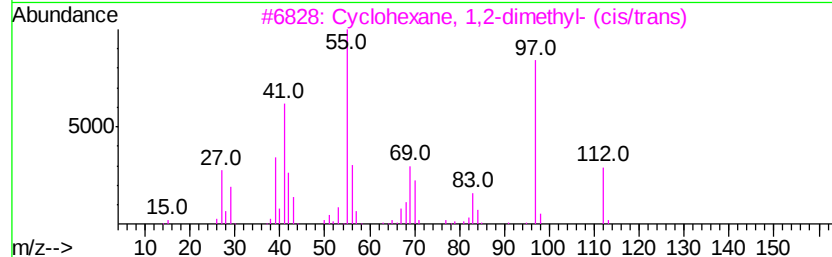
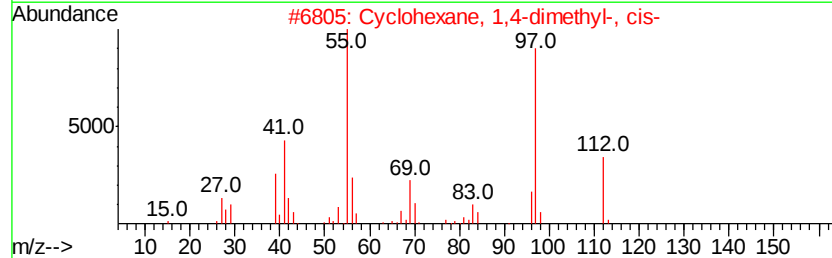
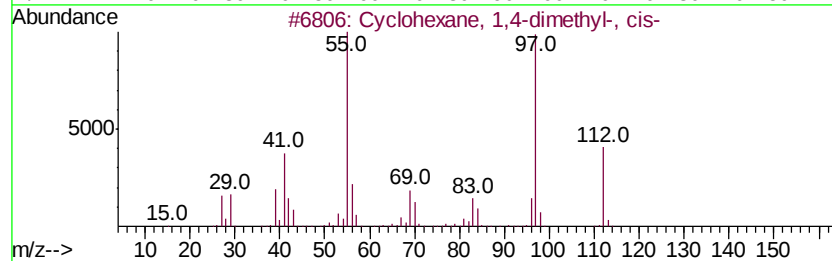
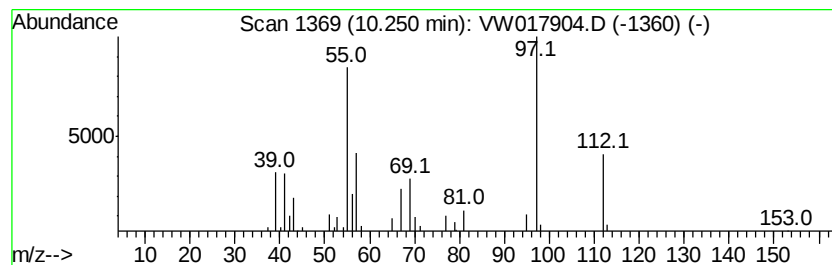
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic10.25 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	1.33 ug/L	20720	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	72
2		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	64
3		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	59
4		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	59
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	53



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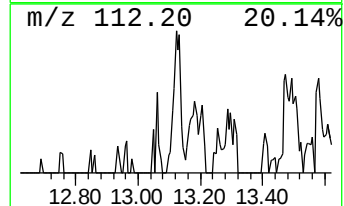
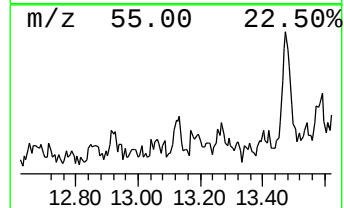
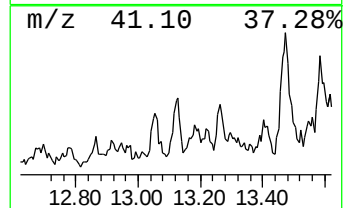
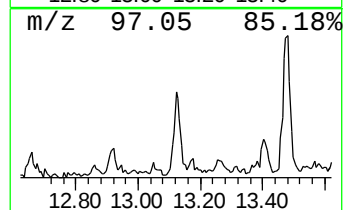
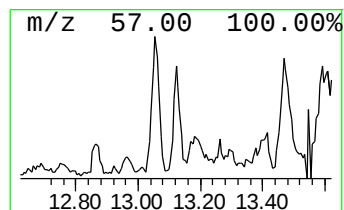
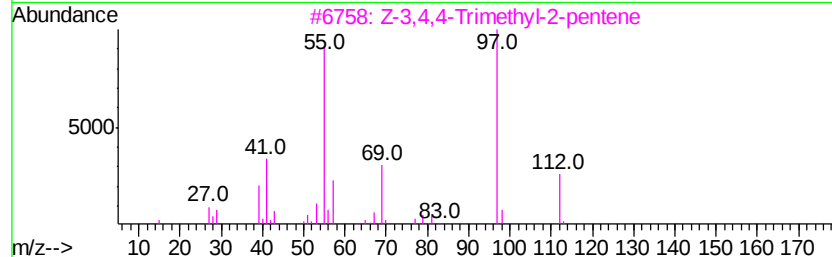
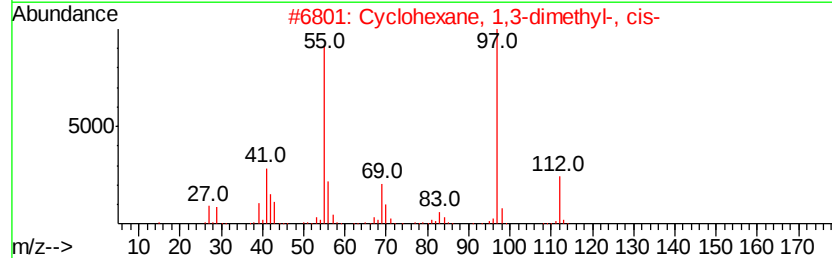
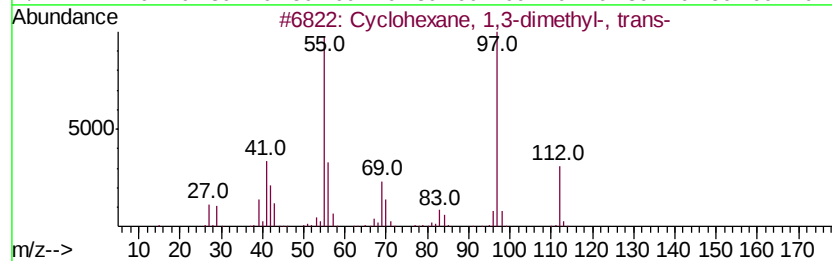
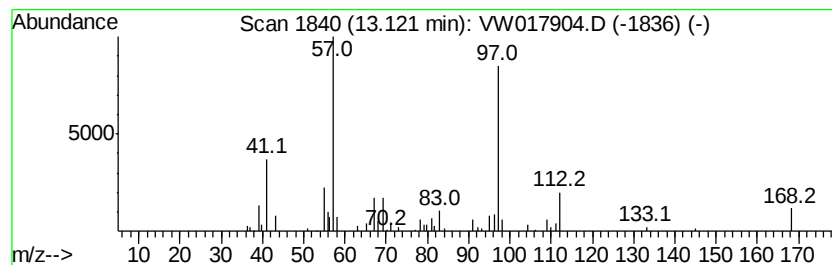
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic13.12 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	1.51 ug/L	18199	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59
2		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
3		Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	53
4		2-Pyrazoline, 1,4,5-trimethyl-	112	C6H12N2	007423-11-2	53
5		1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	53



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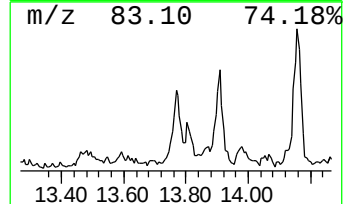
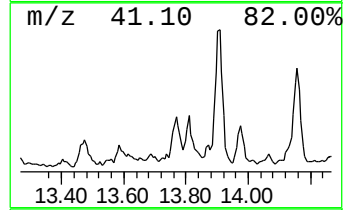
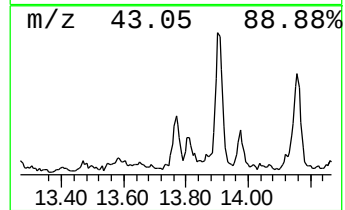
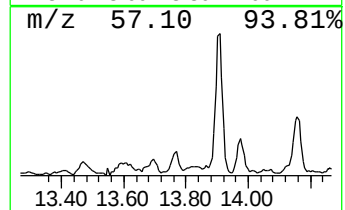
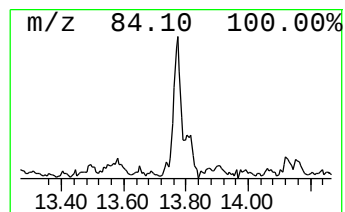
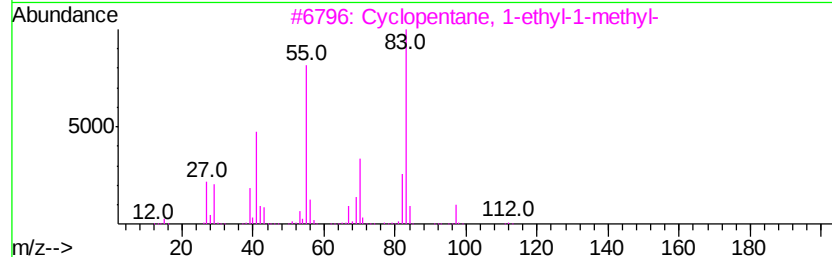
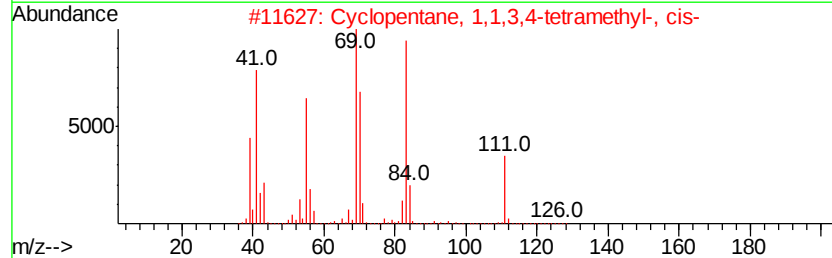
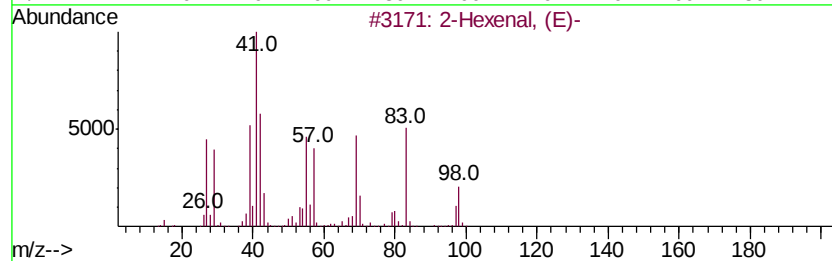
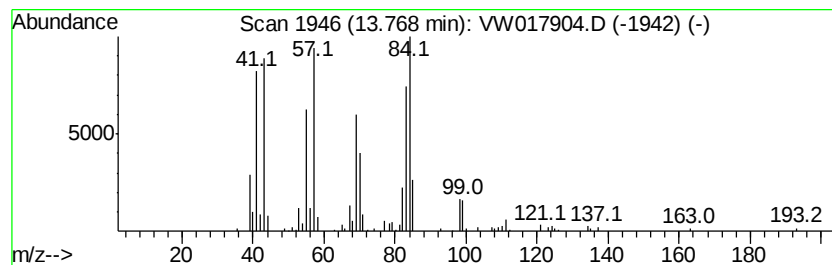
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Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.77	4.66 ug/L	56357	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal, (E)-	98	C6H10O	006728-26-3	42
2	Cyclopentane, 1,1,3,4-tetramethyl-	126	C9H18	053907-60-1	35
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	30
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	27
5	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
Data File : VW017904.D
Acq On : 15 Jan 2021 17:46
Operator : SY/VA
Sample : M1099-15
Misc : 5.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C11

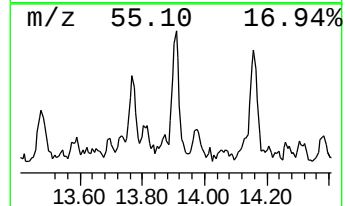
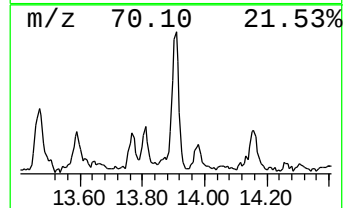
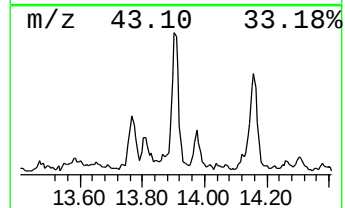
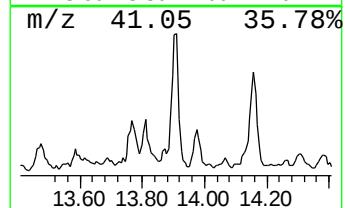
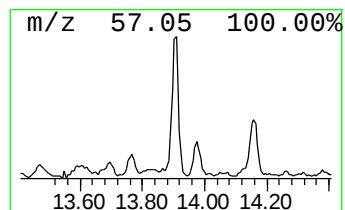
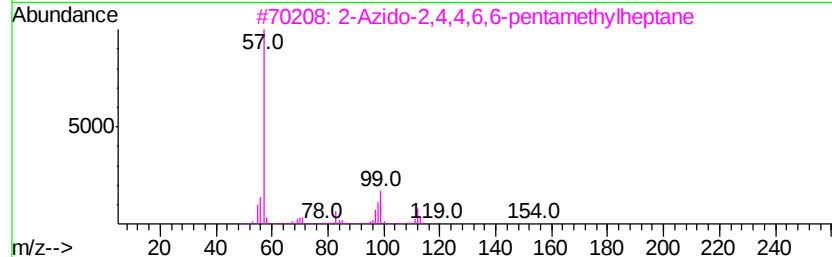
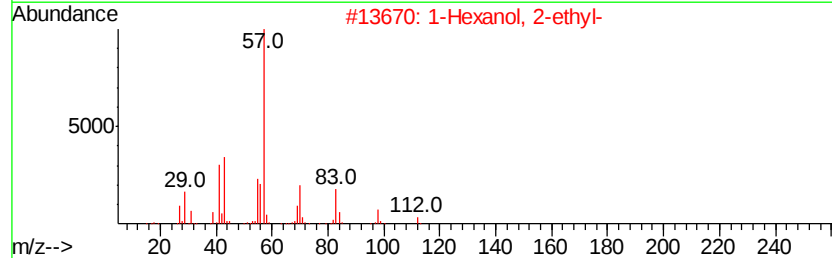
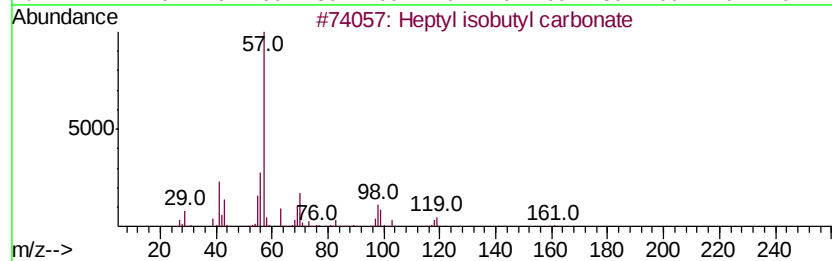
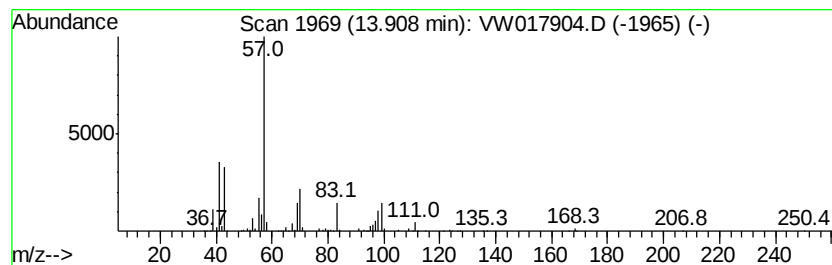
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Quant Title : VOC Analysis

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

Peak Number 5 Heptyl isobutyl carbonate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	14.94 ug/L	180584	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	56
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
3		2-Azido-2,4,4,6,6-pentamethylhep...	211	C12H25N3	1000293-29-0	47
4		Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	42
5		Diethylmalonic acid, monochlorid...	318	C17H31ClO3	1000369-41-8	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
Data File : VW017904.D
Acq On : 15 Jan 2021 17:46
Operator : SY/VA
Sample : M1099-15
Misc : 5.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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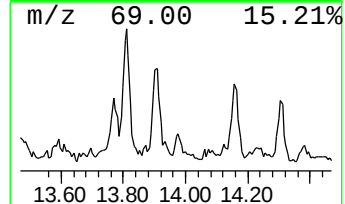
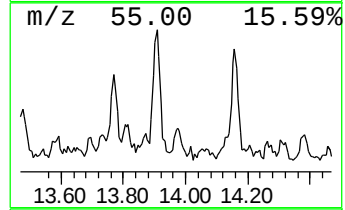
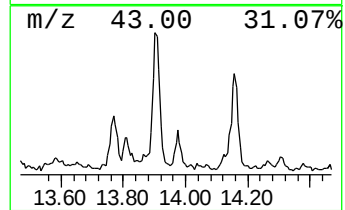
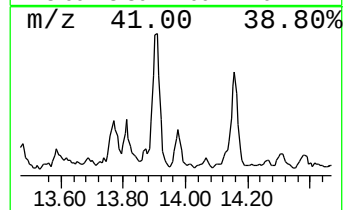
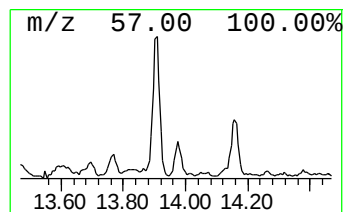
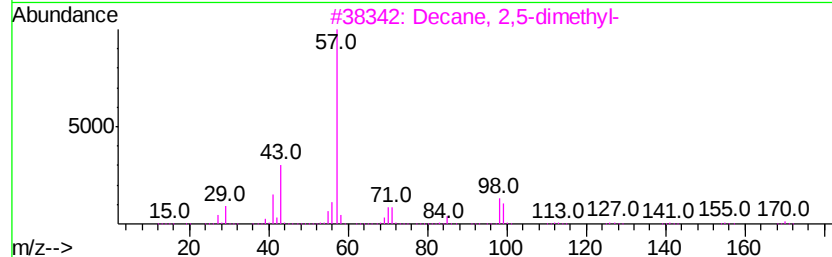
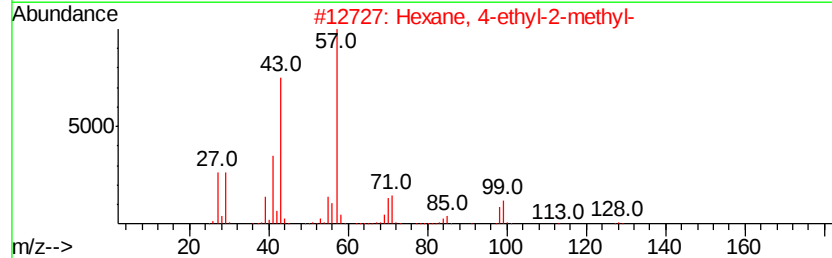
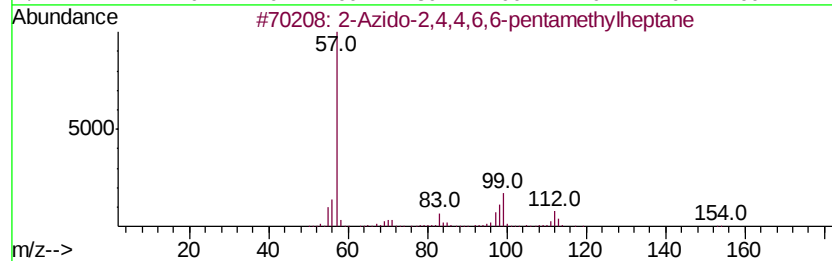
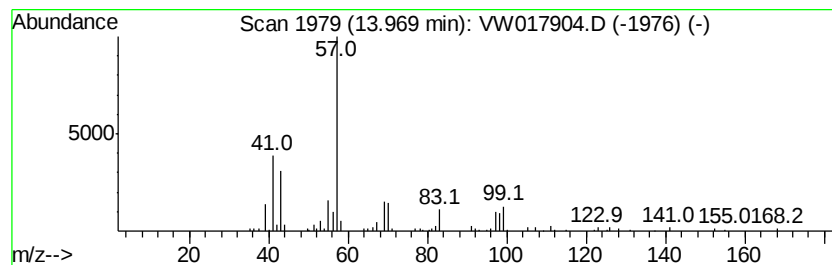
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Quant Title : VOC Analysis

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

Peak Number 6 2-Azido-2,4,4,6,6-pentameth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.44 ug/L	41535	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Azido-2,4,4,6,6-pentamethylhep...	211	C12H25N3	1000293-29-0	50
2		Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	50
3		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	47
4		Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	47
5		2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
Data File : VW017904.D
Acq On : 15 Jan 2021 17:46
Operator : SY/VA
Sample : M1099-15
Misc : 5.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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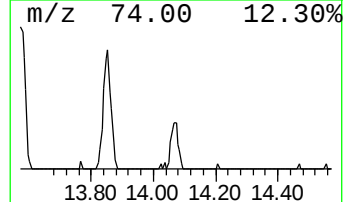
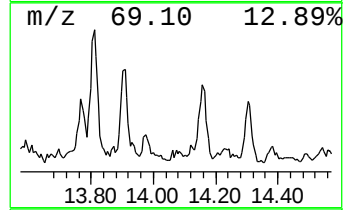
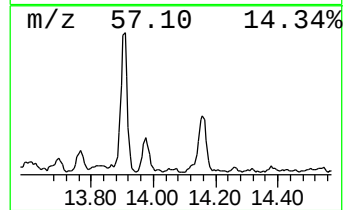
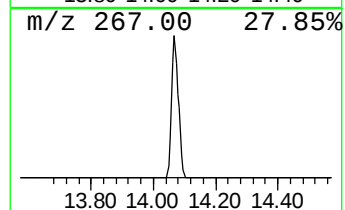
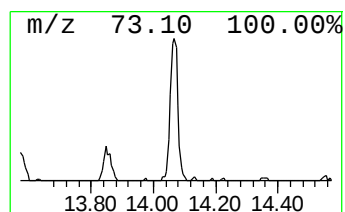
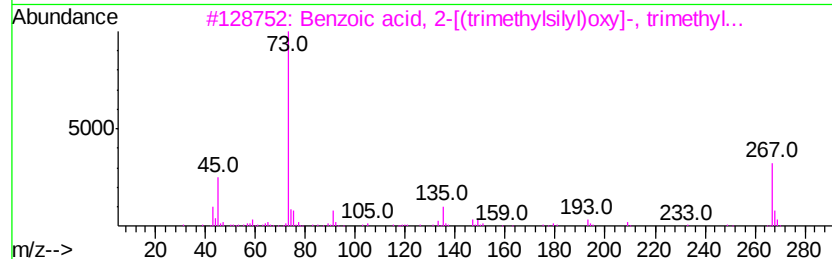
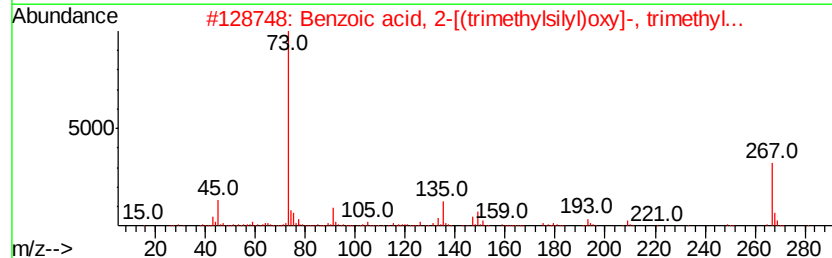
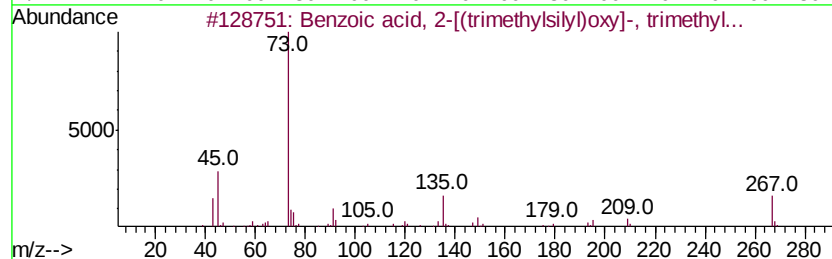
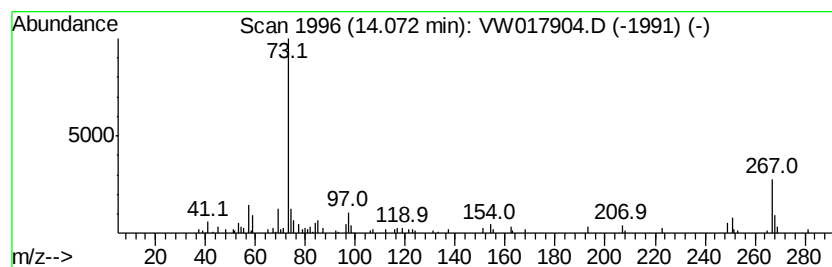
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Quant Title : VOC Analysis

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

Peak Number 7 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.48 ug/L	29961	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	45		
2	Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	45		
3	Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	33		
4	Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	33		
5	Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	28		



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
Data File : VW017904.D
Acq On : 15 Jan 2021 17:46
Operator : SY/VA
Sample : M1099-15
Misc : 5.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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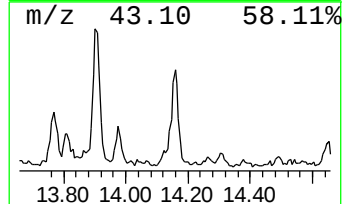
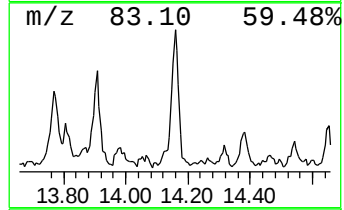
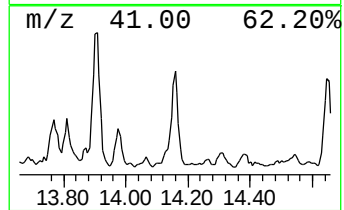
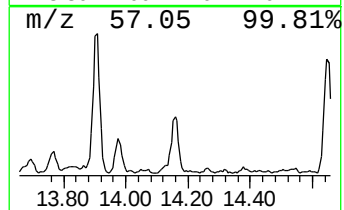
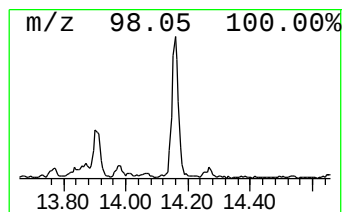
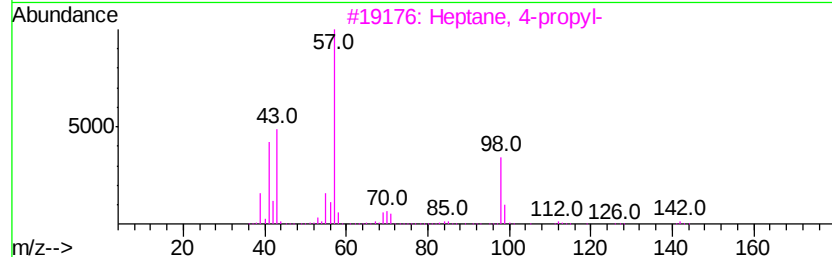
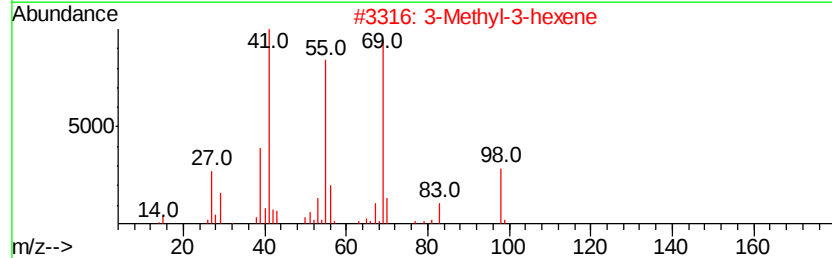
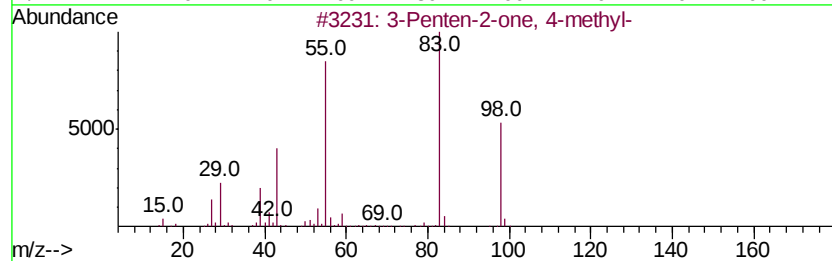
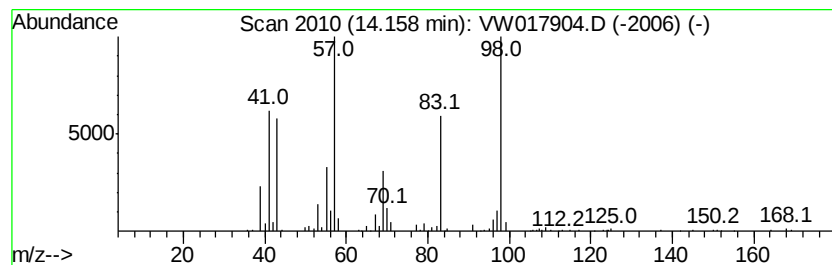
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Quant Title : VOC Analysis

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

Peak Number 8 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	10.01 ug/L	121027	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	50
2			3-Methyl-3-hexene	98	C7H14	003404-65-7	47
3			Heptane, 4-propyl-	142	C10H22	003178-29-8	47
4			2,3,2H-4-Methyl-imidazole-2-one	98	C4H6N2O	039799-77-4	43
5			3-Pentenal, 4-methyl-	98	C6H10O	005362-50-5	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
Data File : VW017904.D
Acq On : 15 Jan 2021 17:46
Operator : SY/VA
Sample : M1099-15
Misc : 5.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

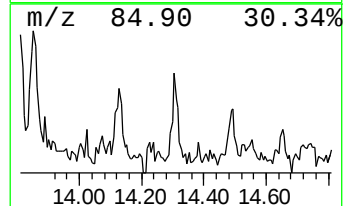
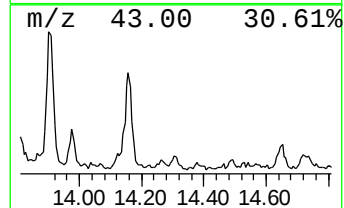
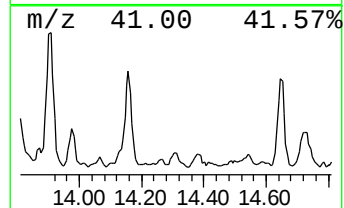
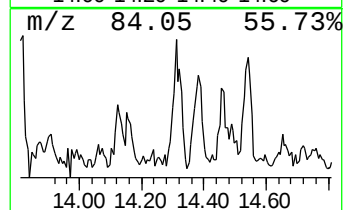
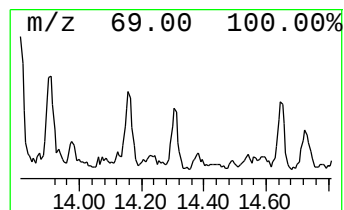
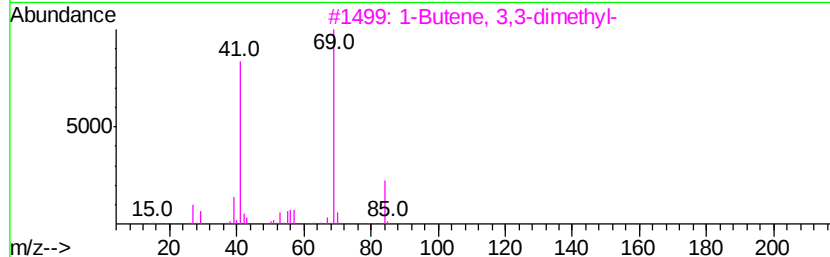
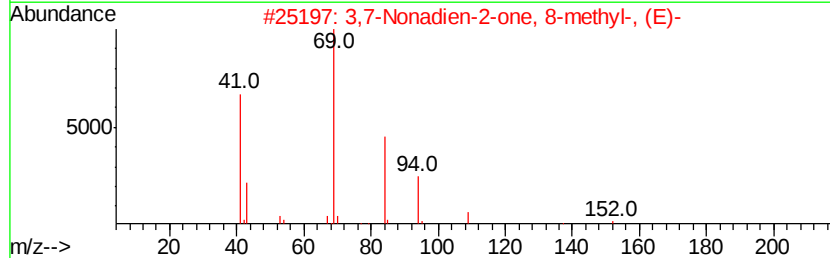
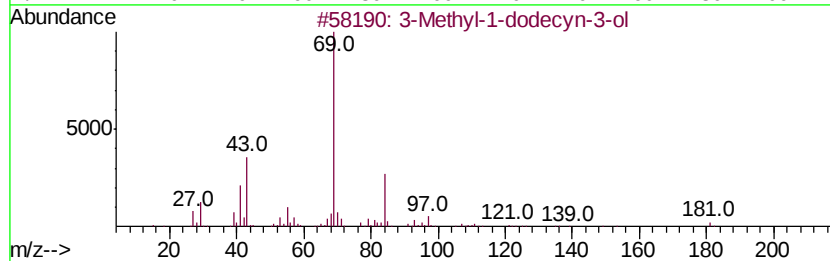
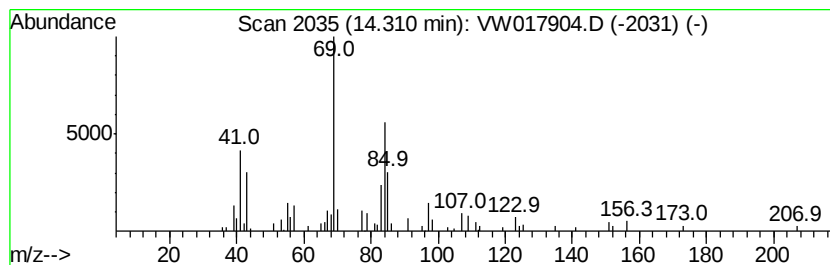
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Quant Title : VOC Analysis

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

Peak Number 9 3-Methyl-1-dodecyn-3-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.31	1.95 ug/L	23559	1,4-Dichlorobenzene-d4	13.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methyl-1-dodecyn-3-ol	196	C13H24O	024424-78-0	53
2		3,7-Nonadien-2-one, 8-methyl-, (E)-	152	C10H16O	035408-14-1	49
3		1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	47
4		2,3,6-Trimethylhept-3-en-1-ol	156	C10H20O	1000111-56-8	47
5		1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
Data File : VW017904.D
Acq On : 15 Jan 2021 17:46
Operator : SY/VA
Sample : M1099-15
Misc : 5.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
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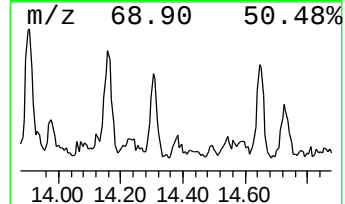
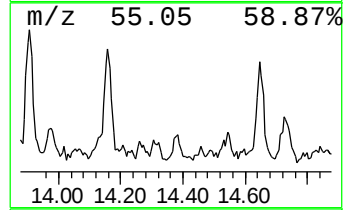
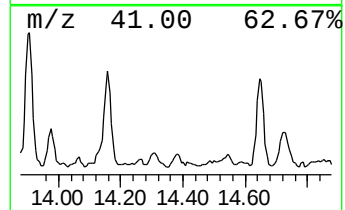
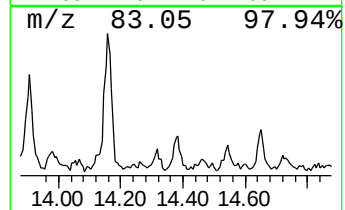
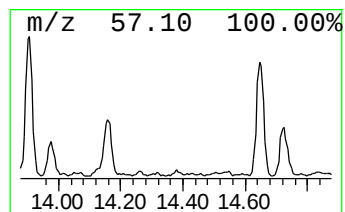
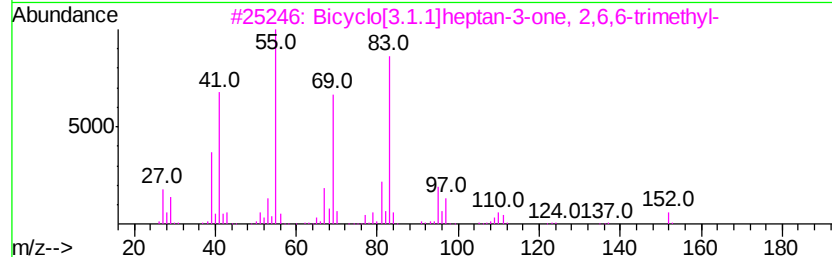
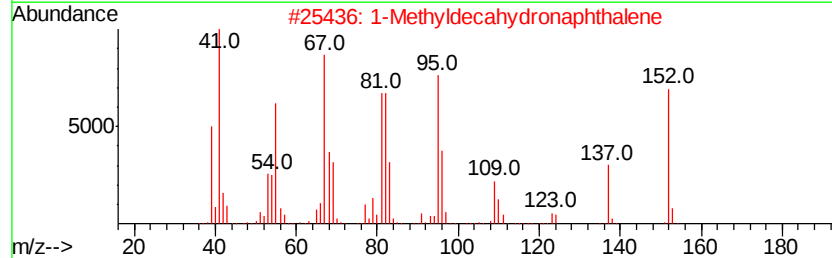
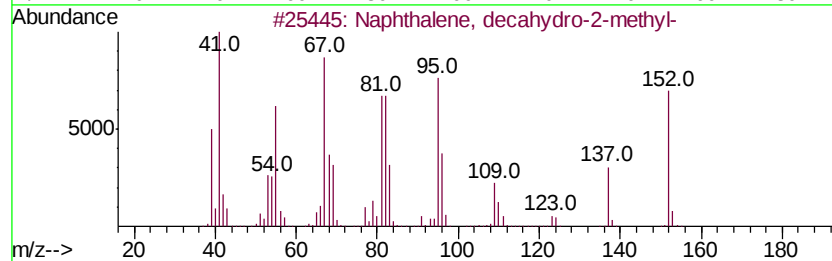
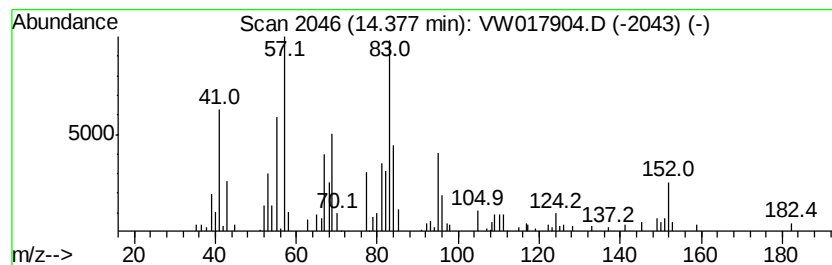
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Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	1.83 ug/L	22129	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	50
3			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	018358-53-7	43
4			Trichloroacetic acid, undec-10-e...	314	C13H21Cl3O2	1000280-51-3	27
5			1-Cyclohexylethanol, trifluoroac...	224	C10H15F3O2	1000365-19-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
Data File : VW017904.D
Acq On : 15 Jan 2021 17:46
Operator : SY/VA
Sample : M1099-15
Misc : 5.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

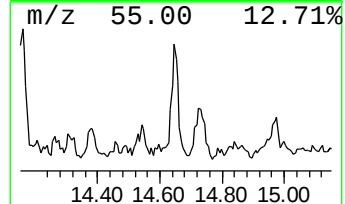
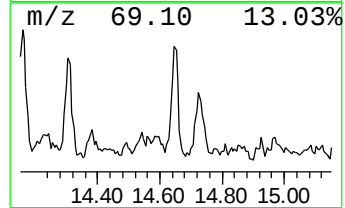
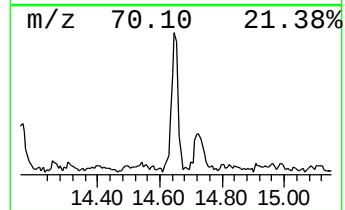
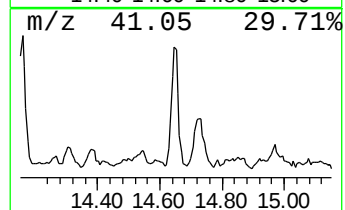
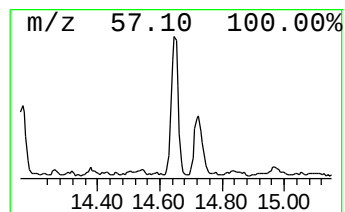
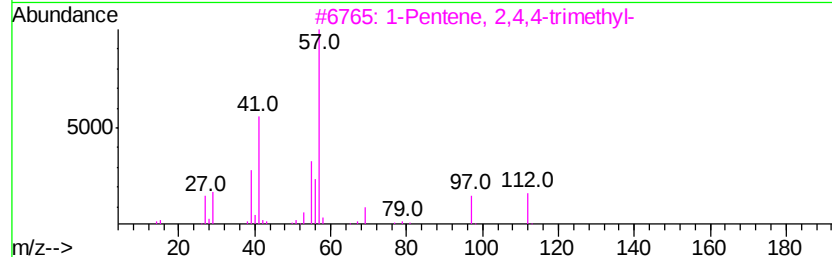
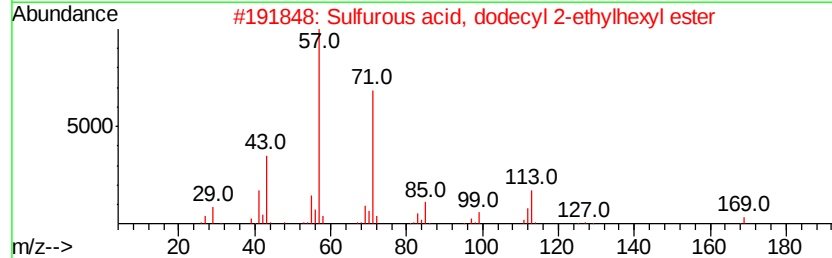
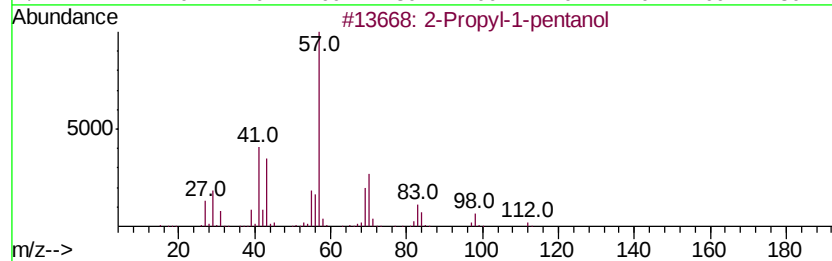
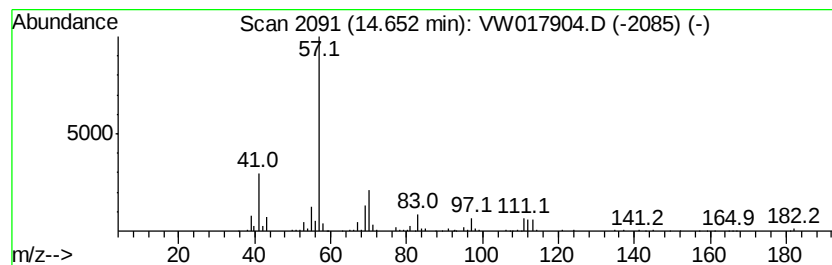
Instrument :
MSVOA_W
ClientSampleId :
F1C11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 11 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	10.04 ug/L	121381	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Propyl-1-pentanol	130 C8H18O	058175-57-8	40
2	Sulfurous acid, dodecyl 2-ethylh...	362 C20H42O3S	1000309-19-5	38
3	1-Pentene, 2,4,4-trimethyl-	112 C8H16	000107-39-1	35
4	Sulfurous acid, 2-ethylhexyl und...	348 C19H40O3S	1000309-19-4	33
5	4-Decene, 2,2-dimethyl-, (E)-	168 C12H24	055534-69-5	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
 Data File : VW017904.D
 Acq On : 15 Jan 2021 17:46
 Operator : SY/VA
 Sample : M1099-15
 Misc : 5.52G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C11

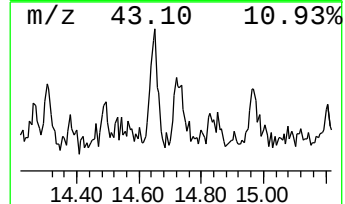
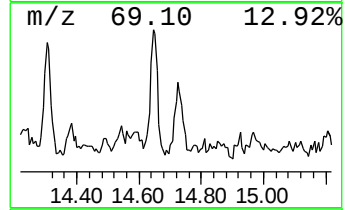
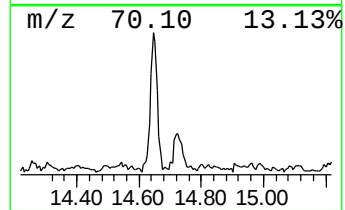
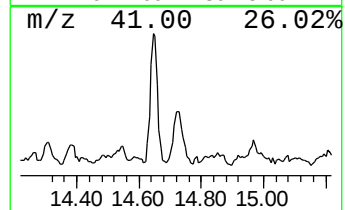
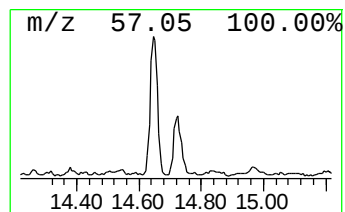
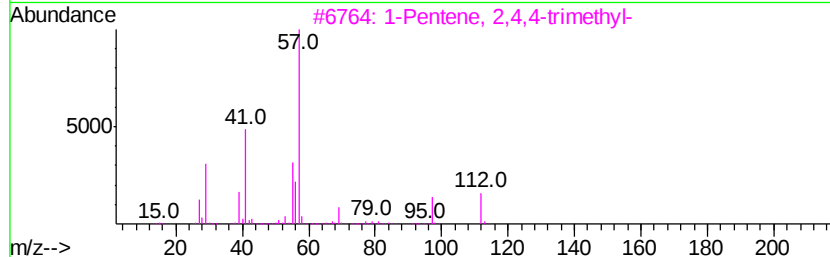
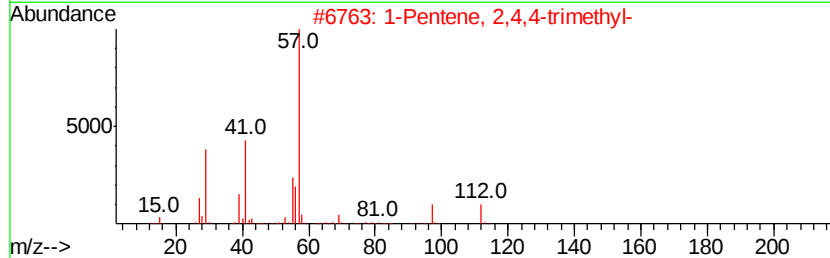
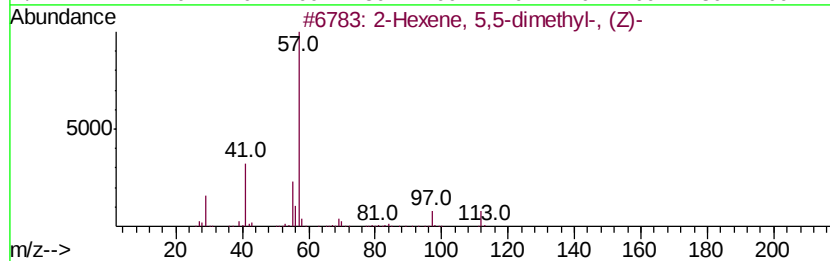
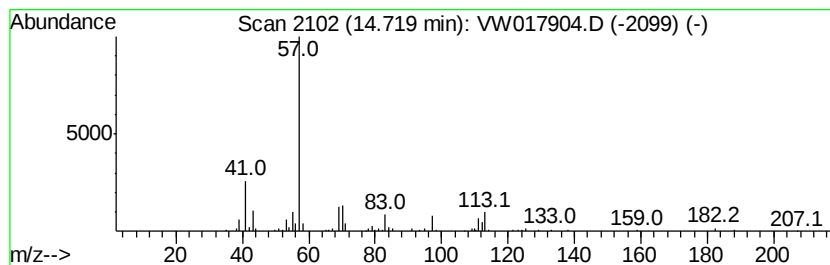
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 Quant Title : VOC Analysis

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

 Peak Number 12 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	4.89 ug/L	59081	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	47
2			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43
3			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43
4			Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	38
5			6-Tridecene, 2,2,4,10,12,12-hexa...	392	C28H56	055255-73-7	36



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
Data File : VW017904.D
Acq On : 15 Jan 2021 17:46
Operator : SY/VA
Sample : M1099-15
Misc : 5.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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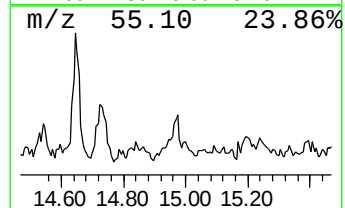
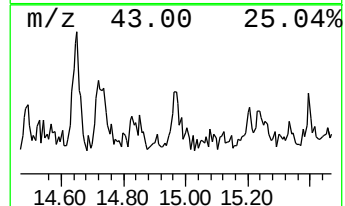
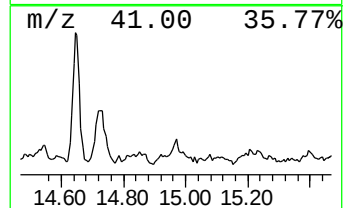
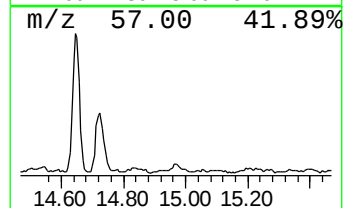
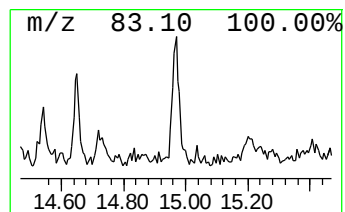
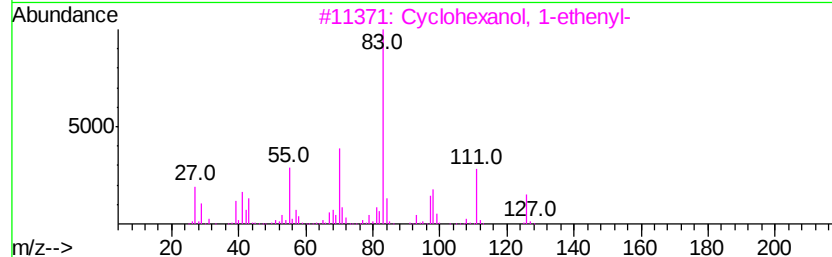
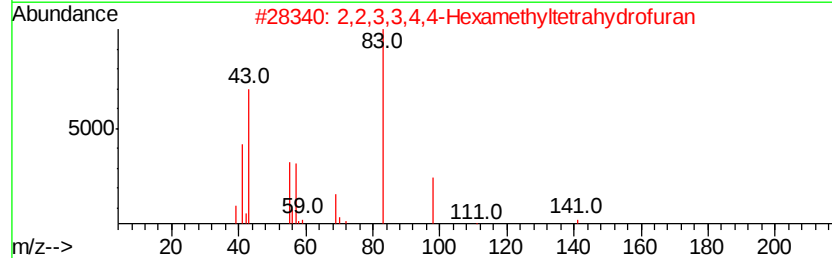
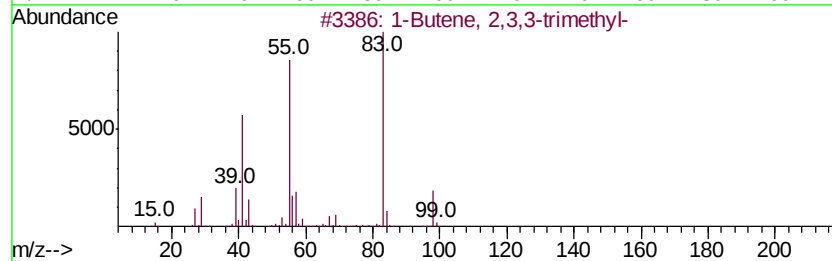
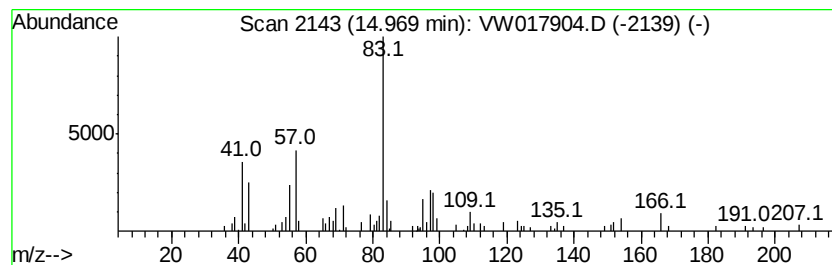
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	1.80 ug/L	21771	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	47
2			2,2,3,3,4,4-Hexamethyltetrahydro...	156	C10H20O	1000105-17-9	43
3			Cyclohexanol, 1-ethenyl-	126	C8H14O	001940-19-8	42
4			1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	38
5			3-Methyl-2-butenic acid, 6-ethy...	240	C15H28O2	1000279-22-7	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
Data File : VW017904.D
Acq On : 15 Jan 2021 17:46
Operator : SY/VA
Sample : M1099-15
Misc : 5.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C11

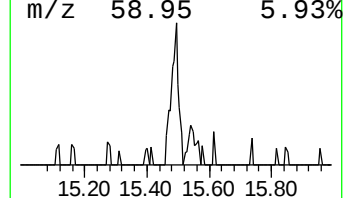
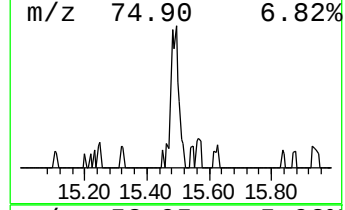
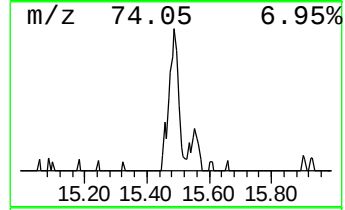
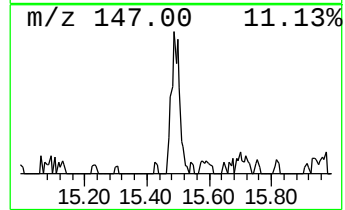
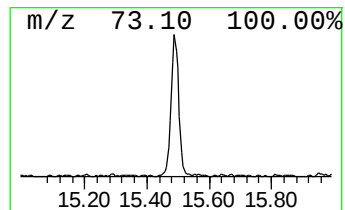
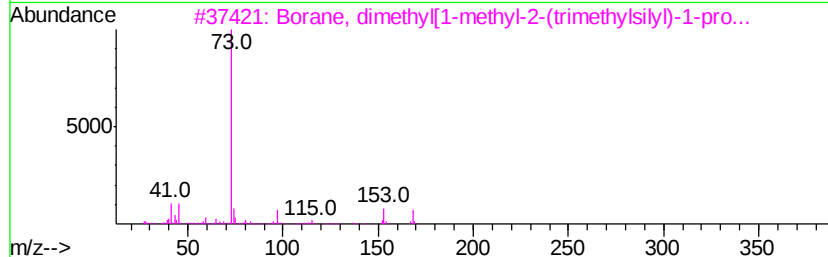
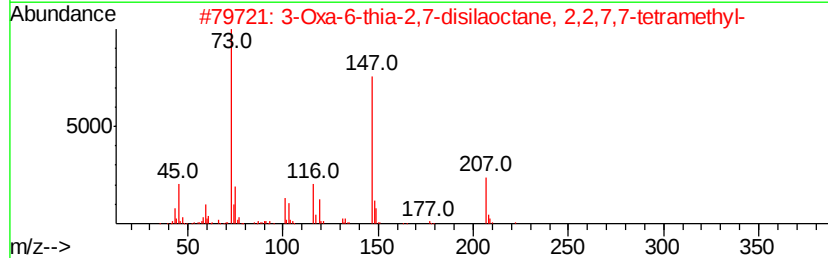
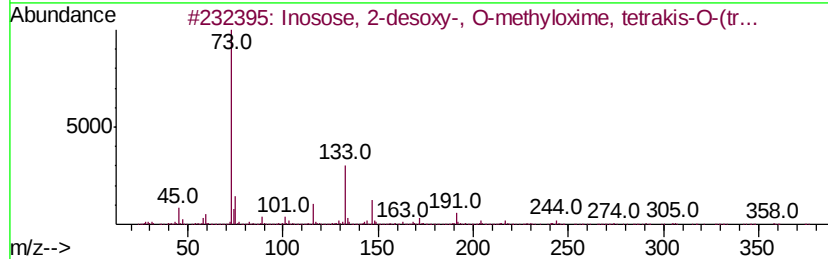
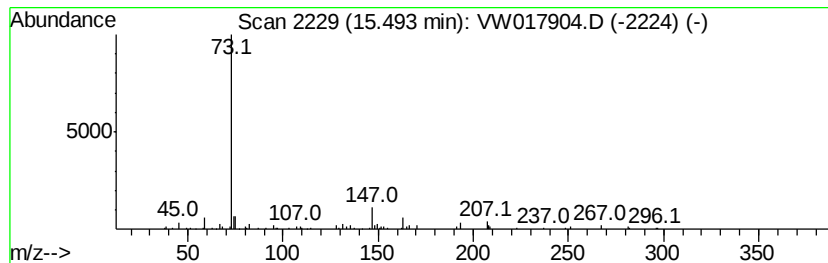
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Quant Title : VOC Analysis

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

Peak Number 14 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.18 ug/L	26370	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Inosose, 2-desoxy-, O-methyloxim...	479	C19H45N05Si4	1000149-50-8	23		
2	3-Oxa-6-thia-2,7-disilaoctane, 2...	222	C8H220SSi2	078921-31-0	23		
3	Borane, dimethyl[1-methyl-2-(tri...	168	C9H21BSi	062108-35-4	12		
4	8-Methoxy-5,5,8-trimethyl-3-none...	212	C13H24O2	1000140-14-5	12		
5	Silane, (2-ethyl-3,3-dimethyl-4-...	208	C13H24Si	095798-13-3	12		



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
Data File : VW017904.D
Acq On : 15 Jan 2021 17:46
Operator : SY/VA
Sample : M1099-15
Misc : 5.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C11

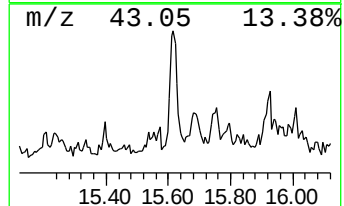
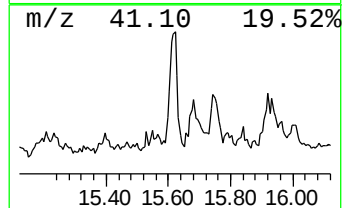
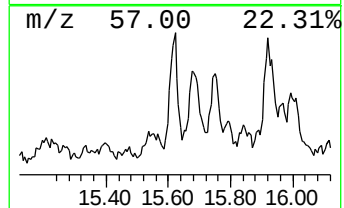
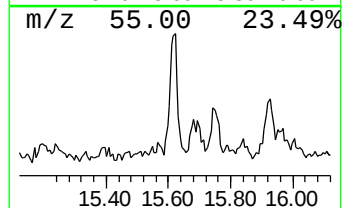
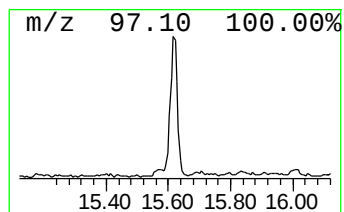
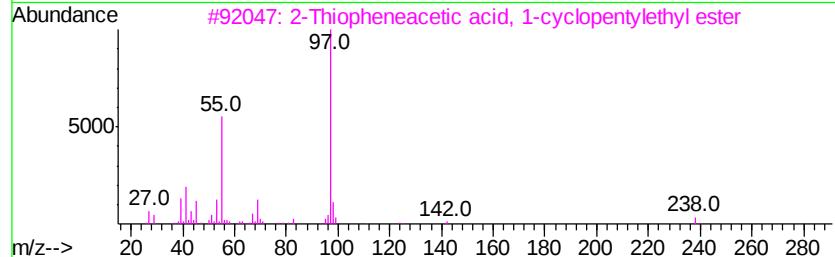
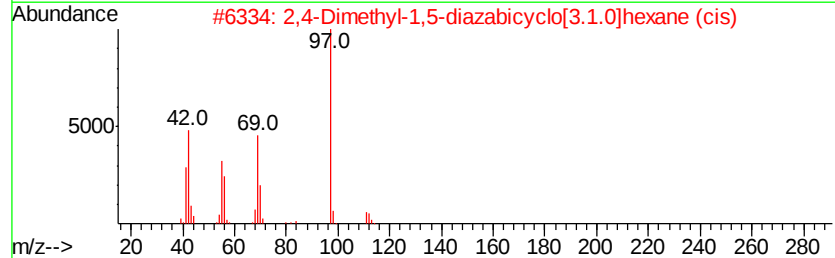
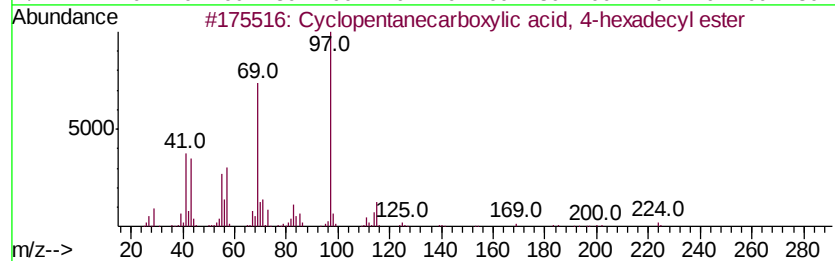
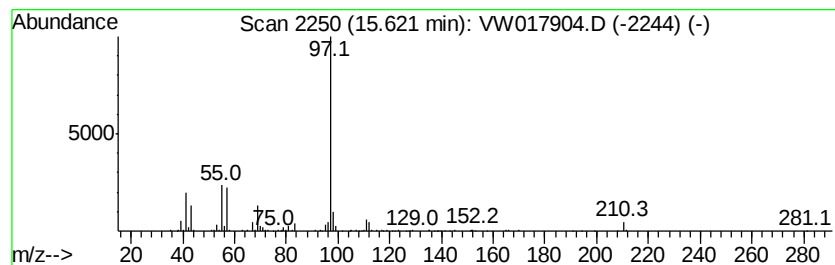
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Quant Title : VOC Analysis

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

Peak Number 15 Cyclopentanecarboxylic acid... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	8.84 ug/L	106868	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	72
2		2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	64
3		2-Thiopheneacetic acid, 1-cyclop...	238	C13H18O2S	1000278-96-0	64
4		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
5		Succinic acid, di(2-methylcycloh...	310	C18H30O4	1000329-83-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
Data File : VW017904.D
Acq On : 15 Jan 2021 17:46
Operator : SY/VA
Sample : M1099-15
Misc : 5.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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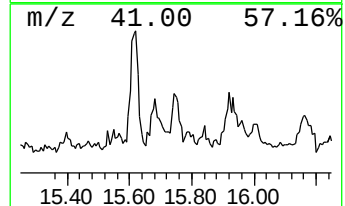
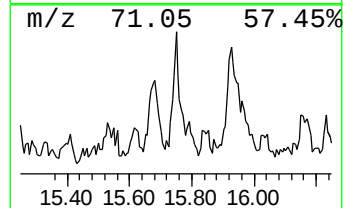
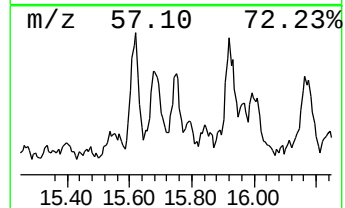
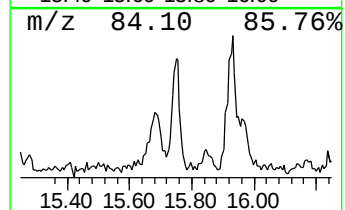
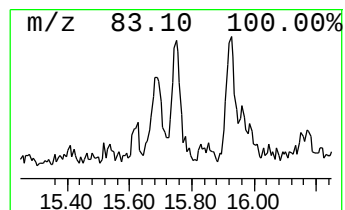
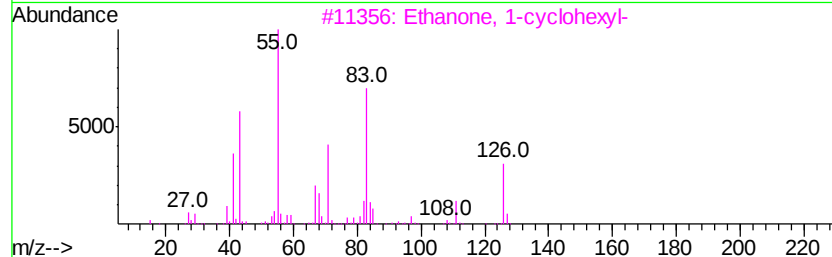
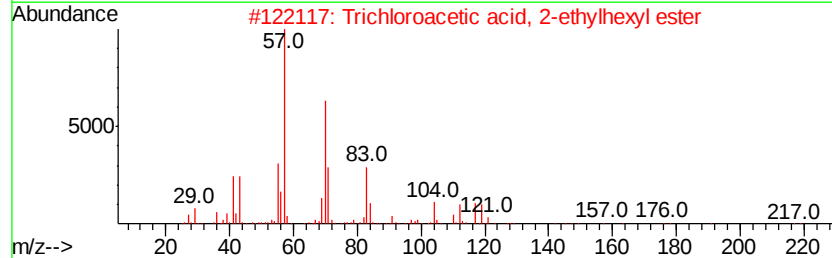
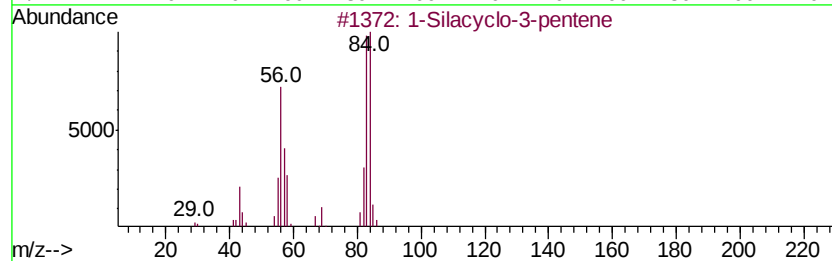
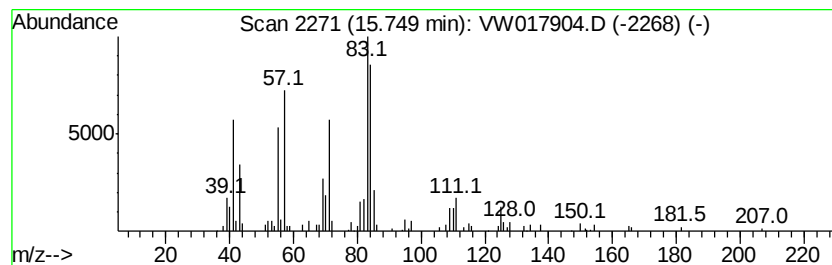
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Quant Title : VOC Analysis

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

Peak Number 16 unknown-06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	2.27 ug/L	27424	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Silacyclo-3-pentene	84	C4H8Si	007049-25-4	49
2		Trichloroacetic acid, 2-ethylhex...	274	C10H17Cl3O2	016397-79-8	43
3		Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	43
4		2-Hydroxy-2-methyl-but-3-enyl 2-...	184	C10H16O3	080758-67-4	38
5		2,6-Nonadienal, 3,7-dimethyl-	166	C11H18O	041448-29-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011521\
Data File : VW017904.D
Acq On : 15 Jan 2021 17:46
Operator : SY/VA
Sample : M1099-15
Misc : 5.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

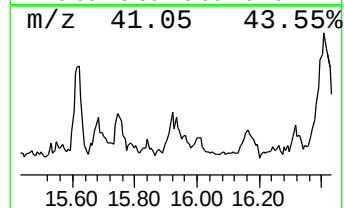
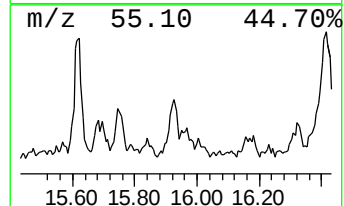
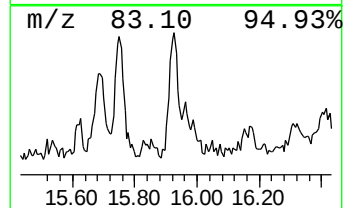
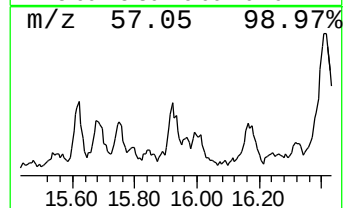
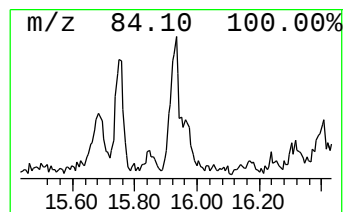
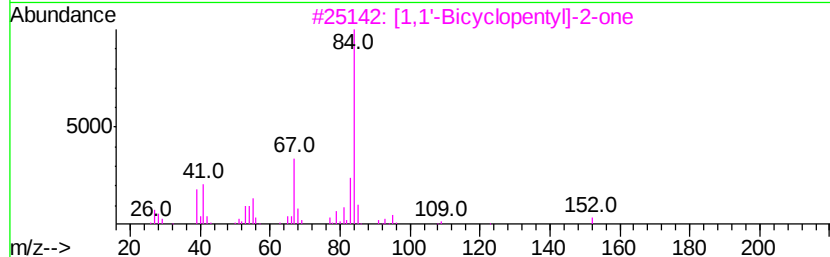
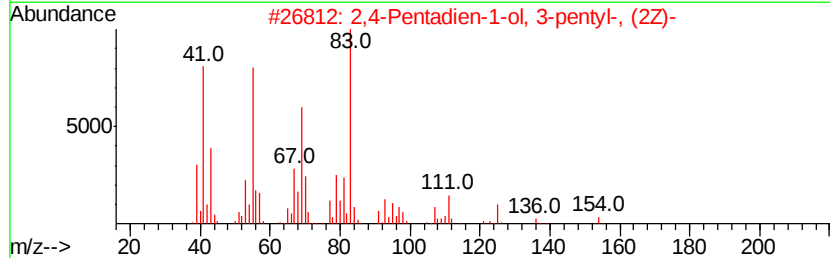
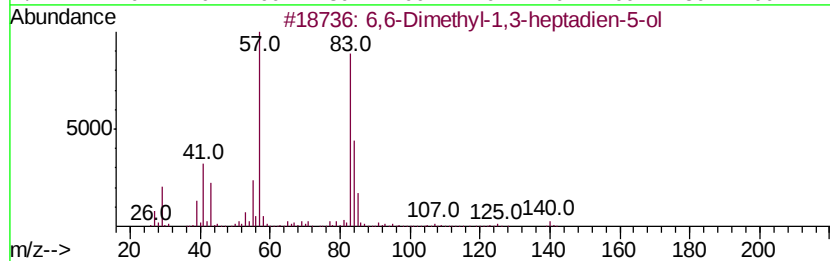
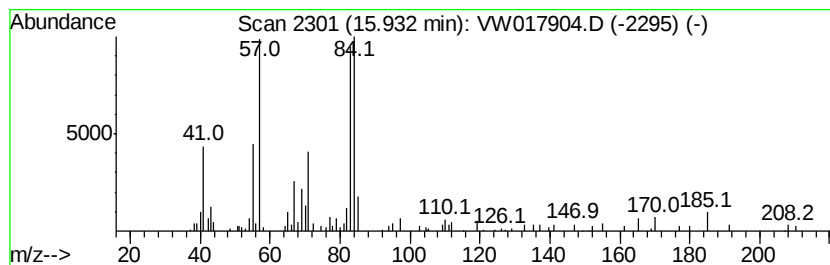
Instrument :
MSVOA_W
ClientSampleId :
F1C11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 17 unknown-07 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	4.32 ug/L	52157	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6,6-Dimethyl-1,3-heptadien-5-ol	140 C9H16O	081912-03-0	43
2	2,4-Pentadien-1-ol, 3-pentyl-, (...)	154 C10H18O	1000142-19-7	27
3	[1,1'-Bicyclopentyl]-2-one	152 C10H16O	004884-24-6	25
4	Oxalic acid, cyclohexyl decyl ester	312 C18H32O4	1000309-31-2	22
5	Oxalic acid, cyclohexyl dodecyl ...	340 C20H36O4	1000309-31-4	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011521\
 Data File : VW017904.D
 Acq On : 15 Jan 2021 17:46
 Operator : SY/VA
 Sample : M1099-15
 Misc : 5.52G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.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...	10.25	1.3	ug/L	20720	2	11.63	390725	25.0
(DEL) Alkane: Cyc...	13.12	1.5	ug/L	18199	3	13.55	302140	25.0
unknown-01	13.77	4.7	ug/L	56357	3	13.55	302140	25.0
Heptyl isobutyl c...	13.91	14.9	ug/L	180584	3	13.55	302140	25.0
2-Azido-2,4,4,6,6...	13.97	3.4	ug/L	41535	3	13.55	302140	25.0
unknown-02	14.07	2.5	ug/L	29961	3	13.55	302140	25.0
3-Penten-2-one, 4...	14.16	10.0	ug/L	121027	3	13.55	302140	25.0
3-Methyl-1-dodecy...	14.31	2.0	ug/L	23559	3	13.55	302140	25.0
Naphthalene, deca...	14.38	1.8	ug/L	22129	3	13.55	302140	25.0
unknown-03	14.65	10.0	ug/L	121381	3	13.55	302140	25.0
unknown-04	14.72	4.9	ug/L	59081	3	13.55	302140	25.0
(DEL) Alkane: Str...	14.97	1.8	ug/L	21771	3	13.55	302140	25.0
unknown-05	15.49	2.2	ug/L	26370	3	13.55	302140	25.0
Cyclopentanecarbo...	15.62	8.8	ug/L	106868	3	13.55	302140	25.0
unknown-06	15.75	2.3	ug/L	27424	3	13.55	302140	25.0
unknown-07	15.93	4.3	ug/L	52157	3	13.55	302140	25.0