

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
 Data File : VW011256.D
 Acq On : 15 Jul 2019 13:00
 Operator : SY/VA
 Sample : K3760-14RE
 Misc : 4.57G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8Z4RE

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\SOM2WLM070219S.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	2.160	36	42	55	rBV	22986	51869	4.78%	0.698%
2	2.349	67	73	83	rVB	70601	127048	11.70%	1.710%
3	2.879	154	160	174	rVB	46039	113954	10.50%	1.534%
4	3.379	236	242	251	rVB4	3159	8270	0.76%	0.111%
5	3.684	285	292	293	rBV4	1360	2789	0.26%	0.038%
6	3.721	293	298	303	rVB6	2328	5573	0.51%	0.075%
7	3.861	313	321	328	rVB7	1702	4703	0.43%	0.063%
8	4.013	334	346	356	rBV	112412	358735	33.05%	4.828%
9	4.117	356	363	383	rVB	75943	215563	19.86%	2.901%
10	4.385	399	407	425	rVV2	11469	36886	3.40%	0.496%
11	4.605	437	443	449	rBV	1659	4286	0.39%	0.058%
12	4.922	485	495	503	rBV4	11054	39852	3.67%	0.536%
13	5.428	575	578	582	rBV4	757	1178	0.11%	0.016%
14	5.525	591	594	596	rBV3	428	632	0.06%	0.009%
15	5.714	621	625	626	rBV2	584	615	0.06%	0.008%
16	5.781	629	636	638	rBV4	947	2286	0.21%	0.031%
17	5.934	652	661	672	rVV4	13073	38882	3.58%	0.523%
18	6.299	719	721	725	rVB4	382	488	0.04%	0.007%
19	6.629	771	775	776	rVB3	698	706	0.07%	0.010%
20	6.976	820	832	840	rBV4	7252	22538	2.08%	0.303%
21	7.074	840	848	858	rBV2	40313	116371	10.72%	1.566%
22	7.415	903	904	909	rBV4	649	1003	0.09%	0.013%
23	7.647	931	942	957	rBV	179337	451318	41.58%	6.074%
24	7.757	957	960	964	rVB4	643	1025	0.09%	0.014%
25	7.952	989	992	994	rBV4	616	541	0.05%	0.007%
26	8.092	1014	1015	1019	rBV2	387	574	0.05%	0.008%
27	8.171	1026	1028	1032	rVB4	440	536	0.05%	0.007%
28	8.275	1035	1045	1061	rBV2	364327	1085468	100.00%	14.608%
29	8.555	1088	1091	1092	rBV2	789	789	0.07%	0.011%
30	8.580	1092	1095	1107	rVB8	3614	9467	0.87%	0.127%
31	8.683	1107	1112	1113	rBV3	1218	1731	0.16%	0.023%
32	8.842	1129	1138	1148	rVV	368544	725187	66.81%	9.759%
33	9.000	1162	1164	1165	rBV2	622	624	0.06%	0.008%
34	9.025	1165	1168	1169	rVV2	891	1040	0.10%	0.014%

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35	9.073	1173	1176	1183	rVB5	2036	4221	0.39%	0.057%
36	9.275	1200	1209	1219	rVV	261233	535127	49.30%	7.202%
37	9.421	1228	1233	1237	rBV4	840	1445	0.13%	0.019%
38	9.616	1263	1265	1268	rBV3	376	533	0.05%	0.007%
39	9.659	1268	1272	1281	rVV7	2443	5724	0.53%	0.077%
40	9.799	1292	1295	1297	rVB4	446	551	0.05%	0.007%
41	9.945	1316	1319	1322	rBV5	687	1017	0.09%	0.014%
42	10.037	1326	1334	1342	rBV	105827	200621	18.48%	2.700%
43	10.128	1346	1349	1354	rVV3	1681	2617	0.24%	0.035%
44	10.220	1360	1364	1368	rVB3	698	1189	0.11%	0.016%
45	10.323	1372	1381	1388	rBV	423974	741449	68.31%	9.978%
46	10.390	1388	1392	1394	rVV	5658	10000	0.92%	0.135%
47	10.427	1394	1398	1404	rVB2	12020	20314	1.87%	0.273%
48	10.506	1404	1411	1415	rVB5	2392	3941	0.36%	0.053%
49	10.579	1416	1423	1433	rBV	66001	114112	10.51%	1.536%
50	10.707	1437	1444	1450	rBV2	3199	5828	0.54%	0.078%
51	10.829	1459	1464	1465	rBV3	349	621	0.06%	0.008%
52	10.866	1467	1470	1472	rVB2	728	586	0.05%	0.008%
53	10.927	1472	1480	1491	rBV	94732	165786	15.27%	2.231%
54	11.024	1491	1496	1502	rBV	25816	45049	4.15%	0.606%
55	11.158	1516	1518	1527	rVB7	944	2340	0.22%	0.031%
56	11.225	1527	1529	1531	rBV2	756	791	0.07%	0.011%
57	11.402	1555	1558	1560	rBV2	706	887	0.08%	0.012%
58	11.512	1571	1576	1577	rBV	628	657	0.06%	0.009%
59	11.634	1587	1596	1607	rBV	374263	646523	59.56%	8.701%
60	11.731	1607	1612	1619	rVB7	2035	3884	0.36%	0.052%
61	11.841	1623	1630	1635	rBV5	4377	8416	0.78%	0.113%
62	12.176	1678	1685	1692	rVB8	3514	8441	0.78%	0.114%
63	12.237	1692	1695	1696	rBV3	608	566	0.05%	0.008%
64	12.262	1696	1699	1704	rVB5	979	1411	0.13%	0.019%
65	12.365	1708	1716	1723	rBV	21894	39051	3.60%	0.526%
66	12.469	1726	1733	1742	rBV	65891	114915	10.59%	1.546%
67	12.536	1742	1744	1746	rBV2	830	728	0.07%	0.010%
68	12.609	1751	1756	1761	rBV	4372	7829	0.72%	0.105%
69	12.695	1761	1770	1772	rBV	154294	268683	24.75%	3.616%
70	12.932	1804	1809	1812	rVV2	7435	10974	1.01%	0.148%
71	12.969	1812	1815	1821	rVB	11528	17112	1.58%	0.230%

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72	13.030	1821	1825	1829	rVB4	4343	6516	0.60%	0.088%
73	13.115	1831	1839	1840	rBV6	1137	1923	0.18%	0.026%
74	13.158	1840	1846	1850	rBV	16551	26513	2.44%	0.357%
75	13.213	1850	1855	1863	rVV	86325	130350	12.01%	1.754%
76	13.286	1863	1867	1876	rVB	24667	42076	3.88%	0.566%
77	13.414	1884	1888	1892	rVB6	3836	6342	0.58%	0.085%
78	13.469	1892	1897	1905	rVV7	7028	15177	1.40%	0.204%
79	13.560	1905	1912	1921	rVB	242267	394603	36.35%	5.310%
80	13.652	1921	1927	1934	rBV	6010	9318	0.86%	0.125%
81	13.755	1942	1944	1946	rVB2	837	655	0.06%	0.009%
82	13.853	1950	1960	1968	rBV	189578	317370	29.24%	4.271%
83	14.072	1993	1996	2000	rBV2	2175	2550	0.23%	0.034%
84	14.329	2033	2038	2041	rBV5	1645	2878	0.27%	0.039%
85	14.432	2052	2055	2056	rBV3	746	619	0.06%	0.008%
86	14.524	2068	2070	2077	rVB5	4207	6458	0.59%	0.087%
87	14.627	2084	2087	2090	rBV5	837	1407	0.13%	0.019%
88	14.725	2096	2103	2108	rVB3	4432	7666	0.71%	0.103%
89	14.926	2134	2136	2139	rBV4	506	502	0.05%	0.007%
90	15.024	2149	2152	2153	rVV3	1332	1531	0.14%	0.021%
91	15.072	2155	2160	2166	rVB2	9138	16349	1.51%	0.220%
92	15.133	2166	2170	2174	rBV5	2261	3002	0.28%	0.040%
93	15.213	2180	2183	2188	rBV6	1506	2257	0.21%	0.030%
94	15.310	2196	2199	2201	rBV3	1531	1515	0.14%	0.020%
95	15.365	2206	2208	2211	rBV3	678	721	0.07%	0.010%
96	15.481	2224	2227	2228	rBV2	687	597	0.05%	0.008%
97	15.499	2228	2230	2232	rVV3	1414	1207	0.11%	0.016%
98	15.560	2236	2240	2244	rVB6	1879	2873	0.26%	0.039%
99	16.578	2405	2407	2411	rBV5	413	772	0.07%	0.010%
100	16.676	2421	2423	2424	rBV2	558	487	0.04%	0.007%

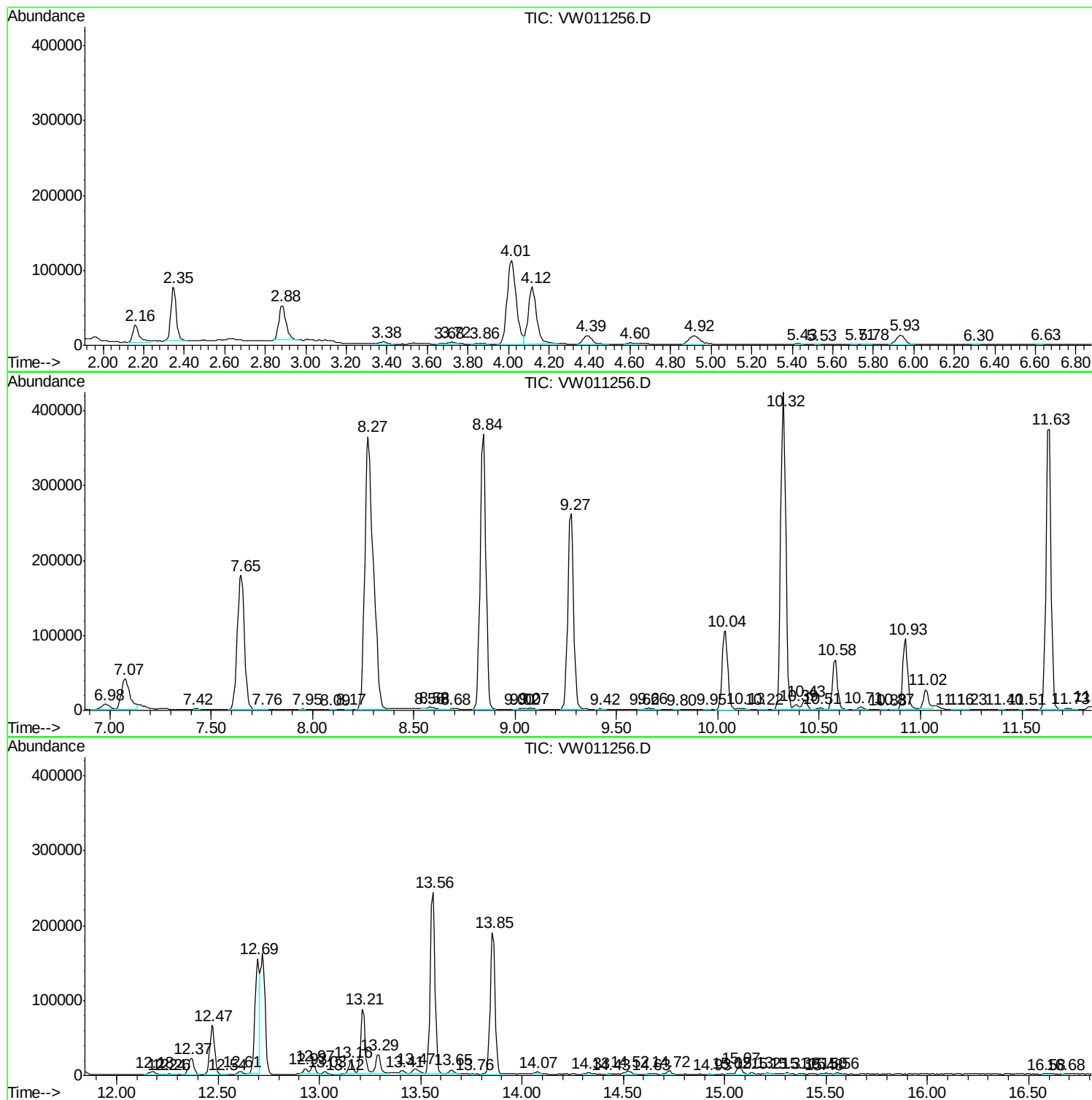
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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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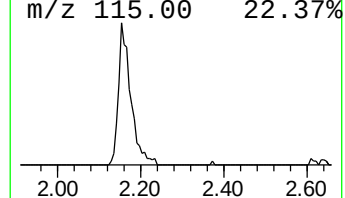
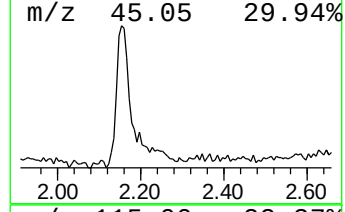
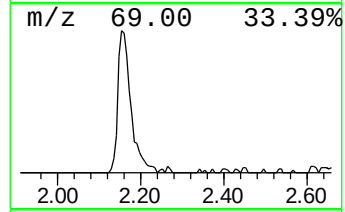
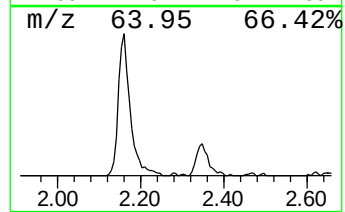
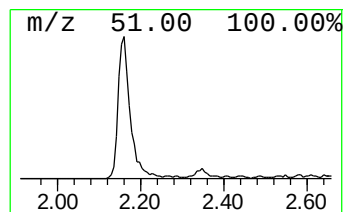
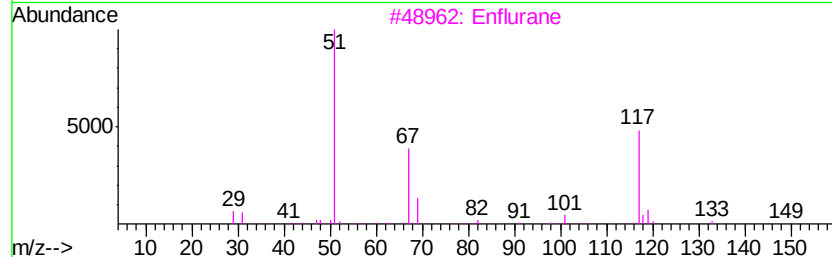
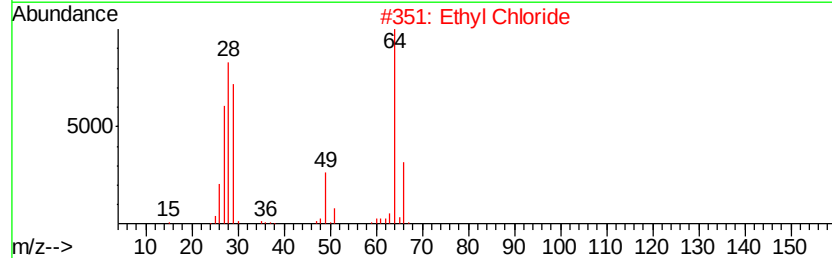
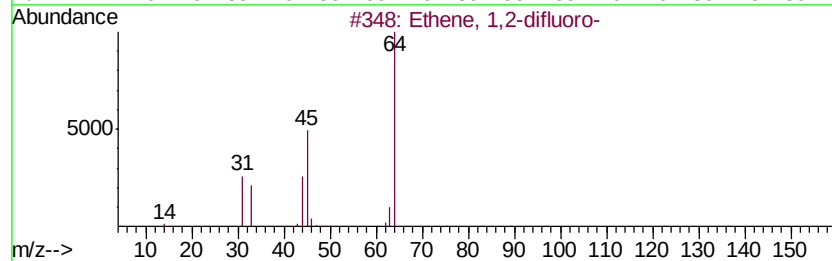
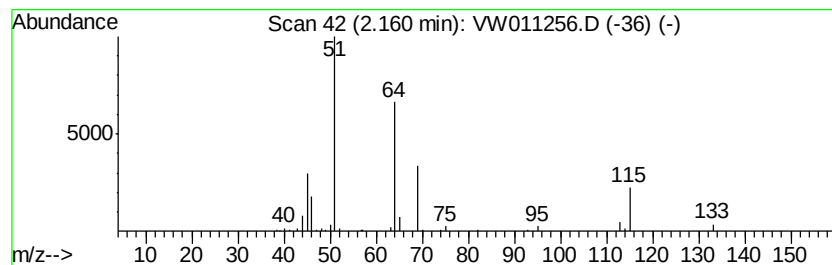
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	1.79 ug/L	51869	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	9
2			Ethyl Chloride	64	C2H5Cl	000075-00-3	9
3			Enflurane	184	C3H2ClF5O	013838-16-9	9
4			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5



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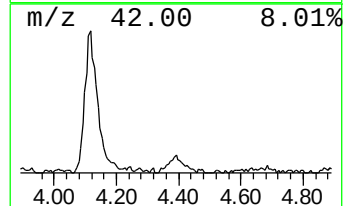
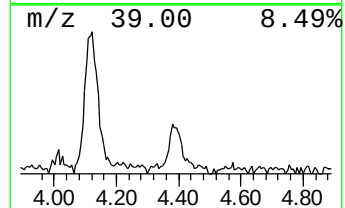
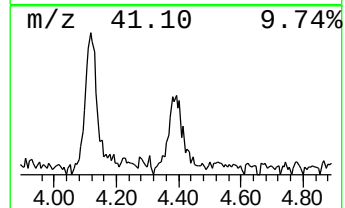
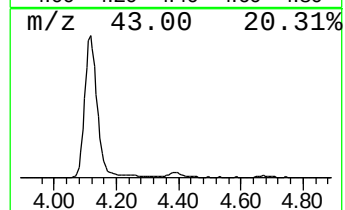
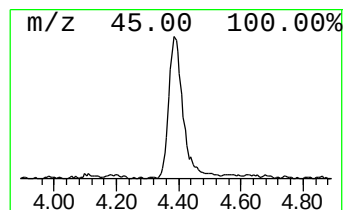
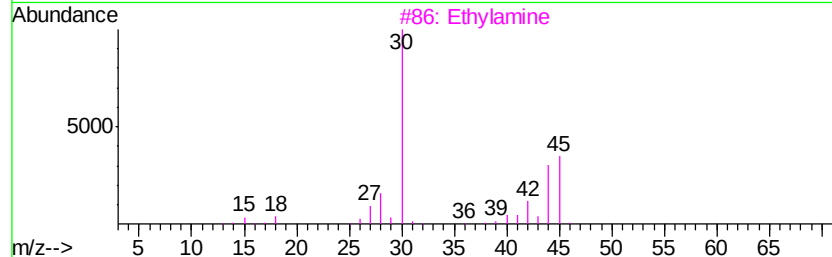
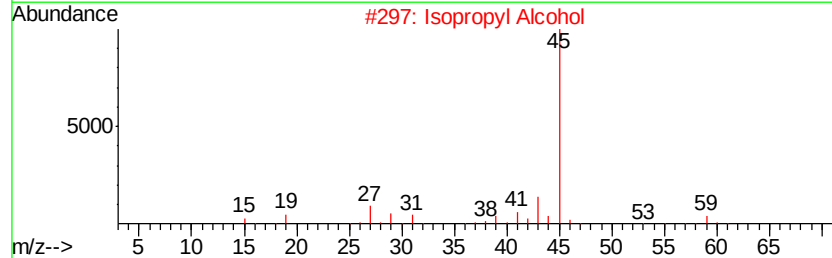
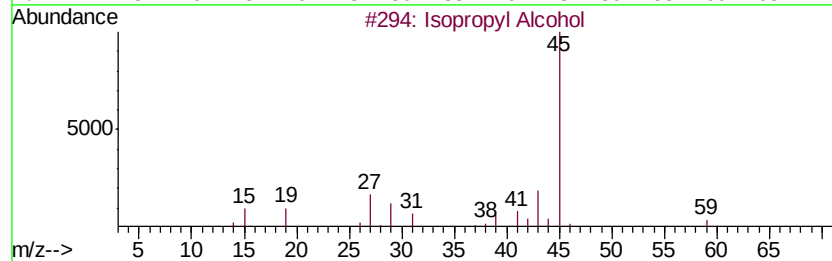
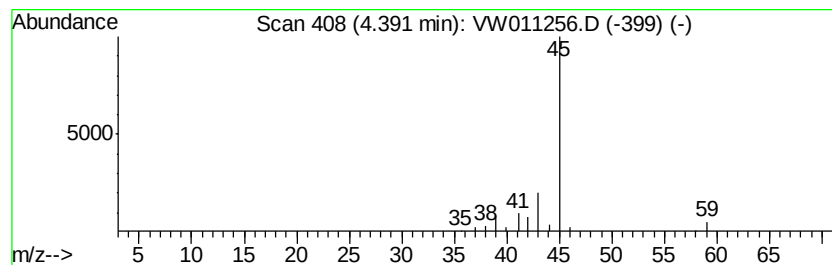
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Quant Title : VOC Analysis

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

Peak Number 2 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	1.27 ug/L	36886	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3		Ethylamine	45	C2H7N	000075-04-7	5
4		Formamide	45	CH3NO	000075-12-7	4
5		4-Penten-2-ol	86	C5H10O	000625-31-0	4



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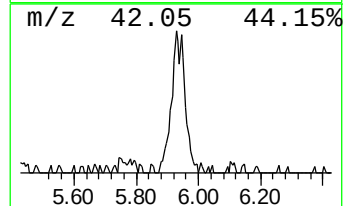
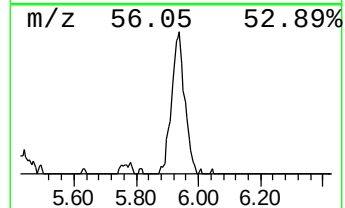
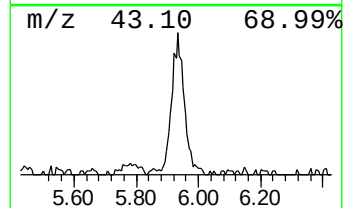
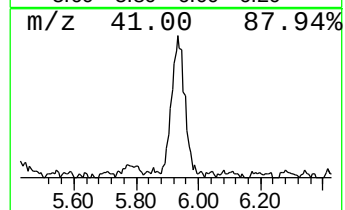
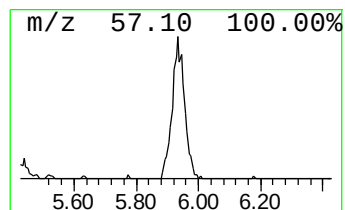
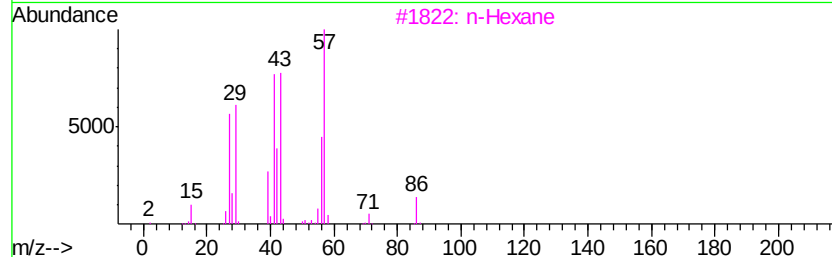
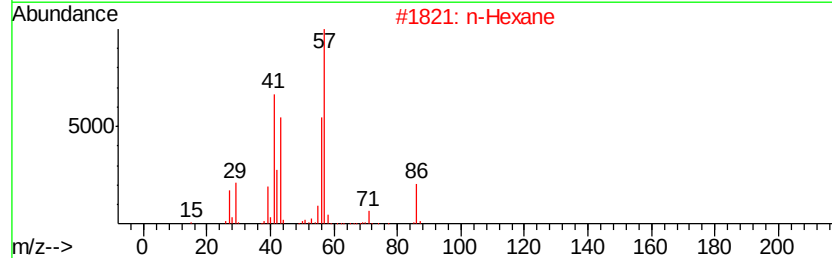
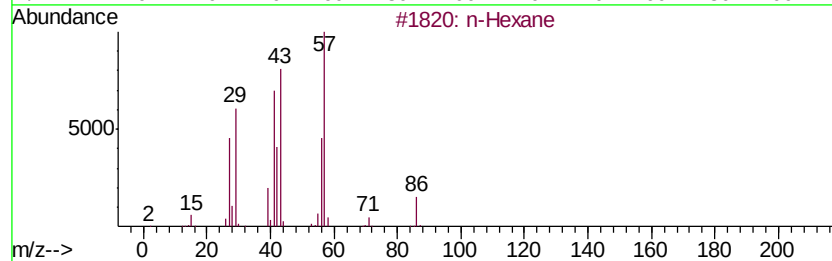
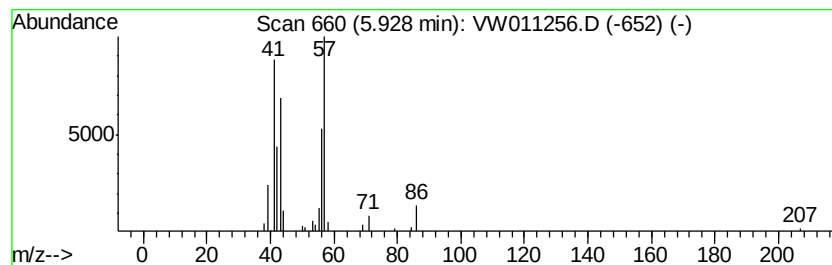
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.34 ug/L	38882	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	87
2		n-Hexane	86	C6H14	000110-54-3	87
3		n-Hexane	86	C6H14	000110-54-3	87
4		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	42
5		2-Butene	56	C4H8	000107-01-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
Data File : VW011256.D
Acq On : 15 Jul 2019 13:00
Operator : SY/VA
Sample : K3760-14RE
Misc : 4.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

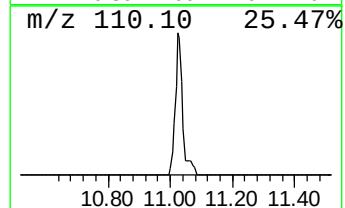
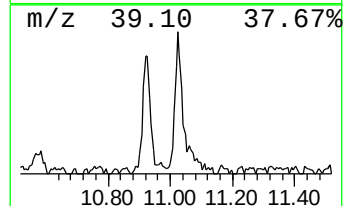
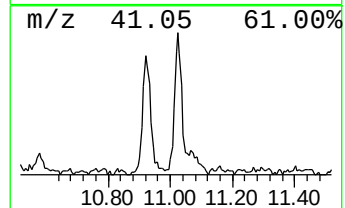
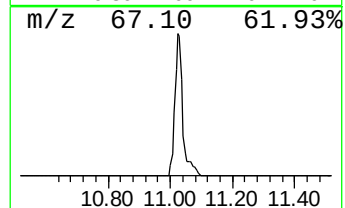
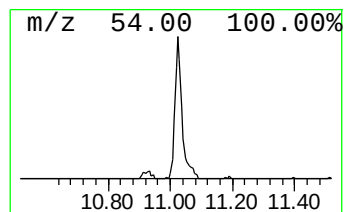
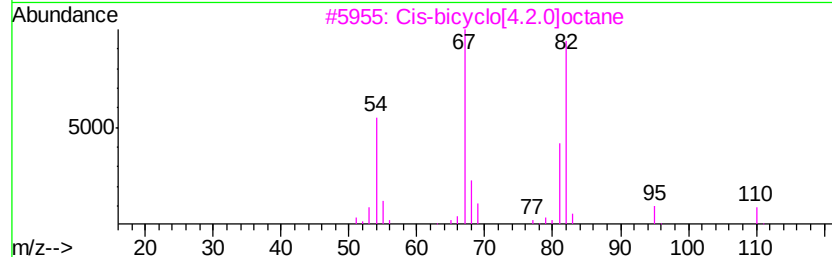
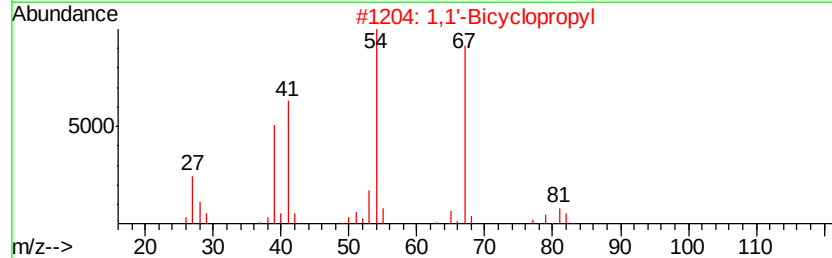
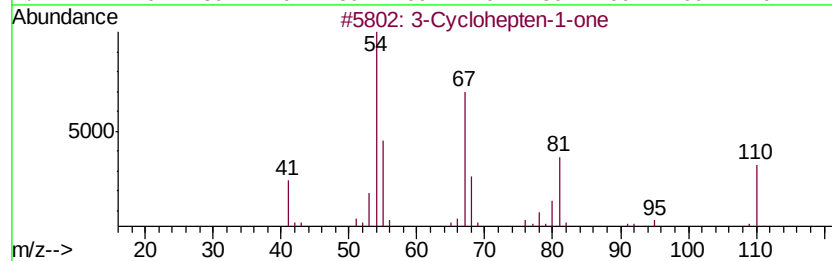
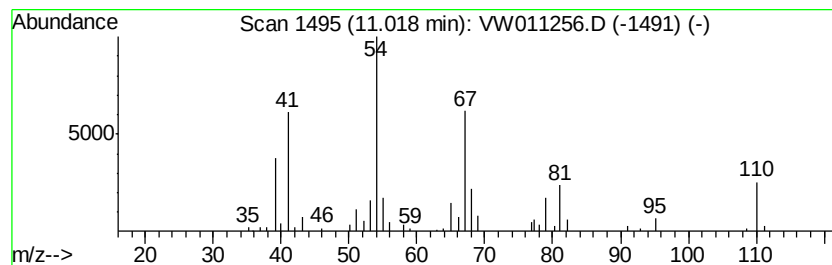
Instrument :
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ClientSampleId :
DB8Z4RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 5 3-Cyclohepten-1-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.02	1.74 ug/L	45049	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohepten-1-one	110	C7H10O	001121-64-8	91
2	1,1'-Bicyclopropyl	82	C6H10	005685-46-1	80
3	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	78
4	Cyclopropane, 1-propenyl-	82	C6H10	004663-21-2	72
5	1,1'-Bicyclopropyl	82	C6H10	005685-46-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
Data File : VW011256.D
Acq On : 15 Jul 2019 13:00
Operator : SY/VA
Sample : K3760-14RE
Misc : 4.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4RE

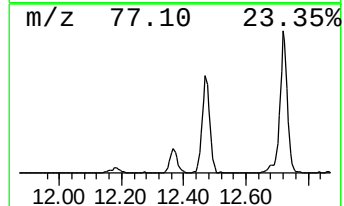
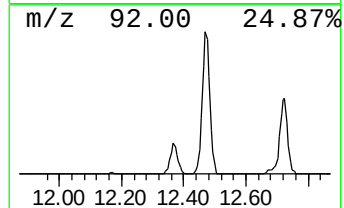
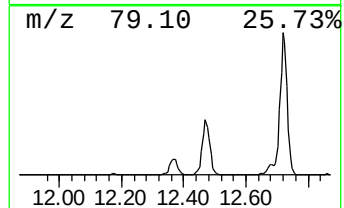
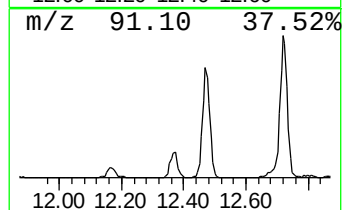
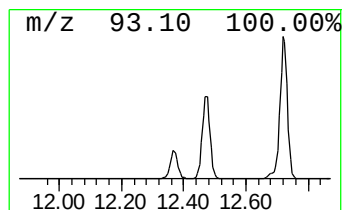
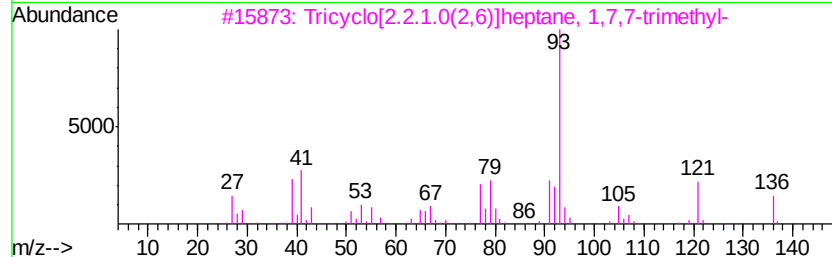
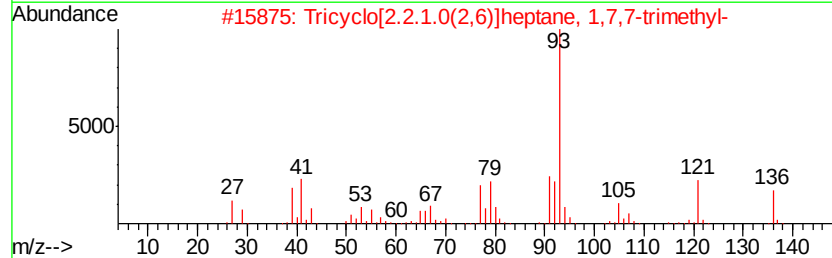
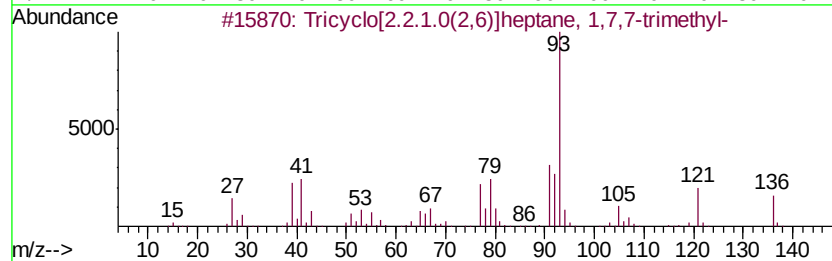
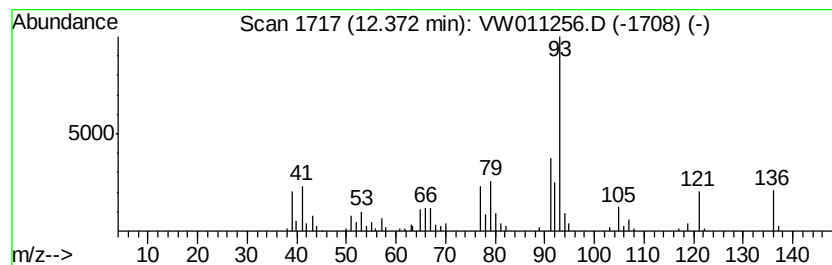
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Quant Title : VOC Analysis

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

Peak Number 6 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	1.51 ug/L	39051	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	97
2		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	96
3		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	95
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
Data File : VW011256.D
Acq On : 15 Jul 2019 13:00
Operator : SY/VA
Sample : K3760-14RE
Misc : 4.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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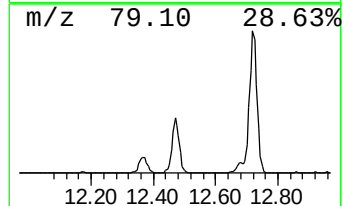
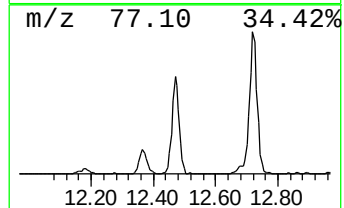
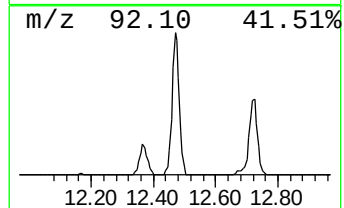
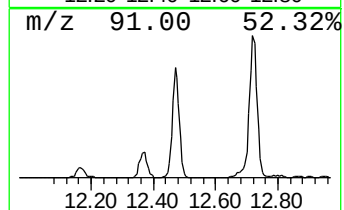
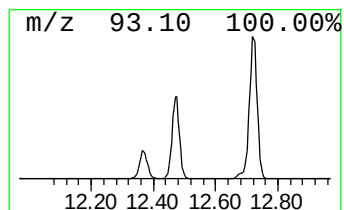
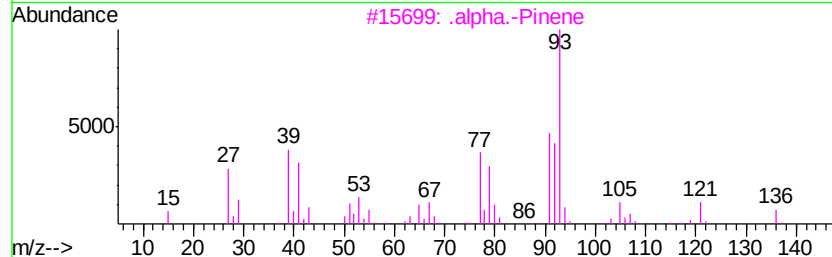
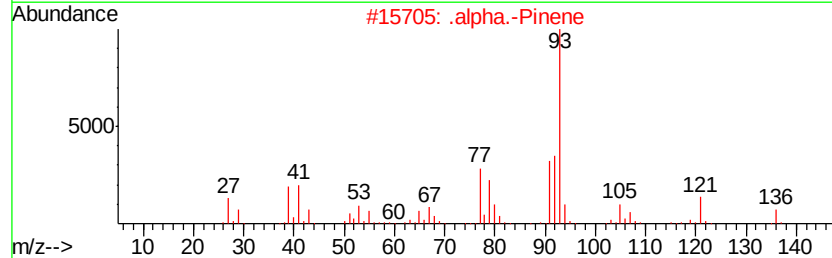
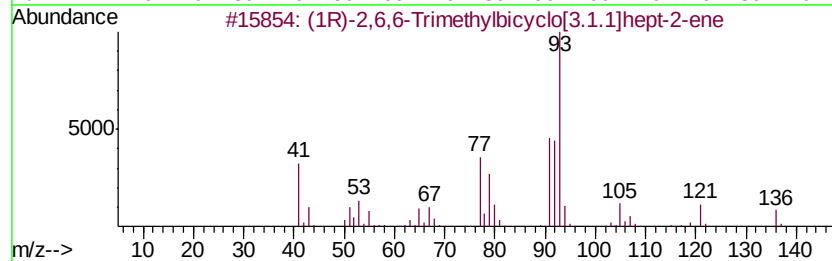
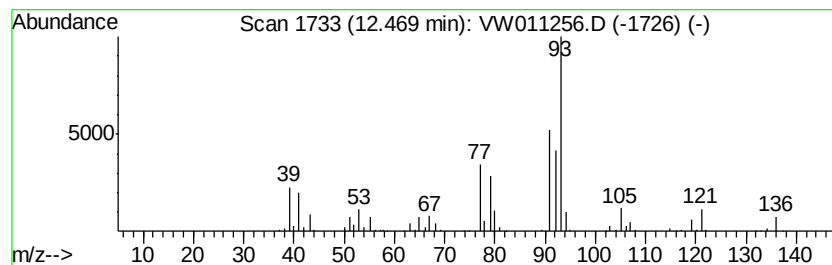
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Quant Title : VOC Analysis

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

Peak Number 7 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.44 ug/L	114915	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	97
2		.alpha.-Pinene	136	C10H16	000080-56-8	95
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
Data File : VW011256.D
Acq On : 15 Jul 2019 13:00
Operator : SY/VA
Sample : K3760-14RE
Misc : 4.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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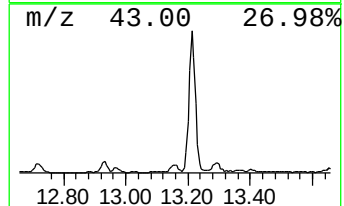
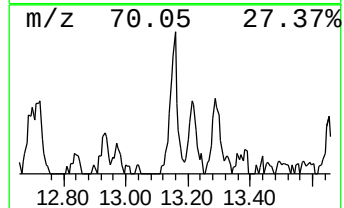
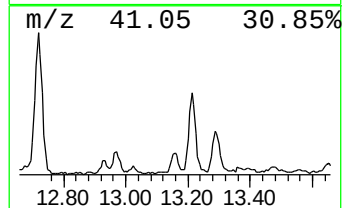
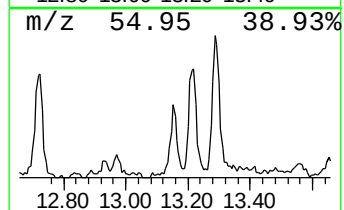
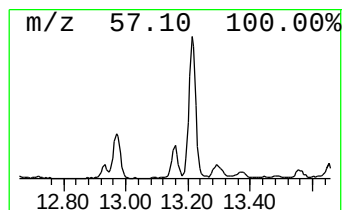
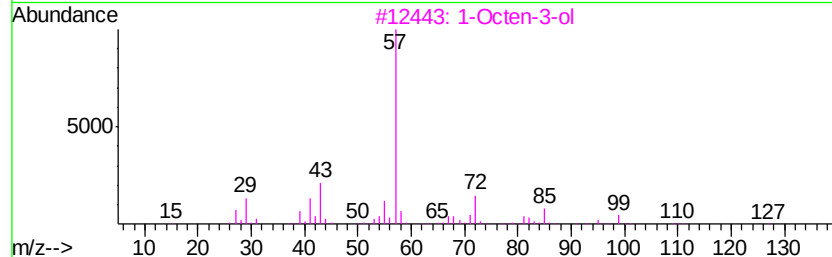
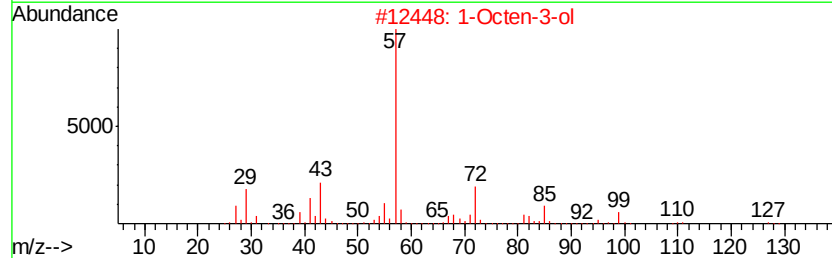
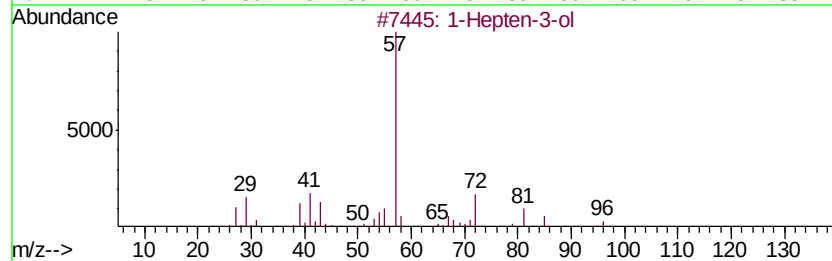
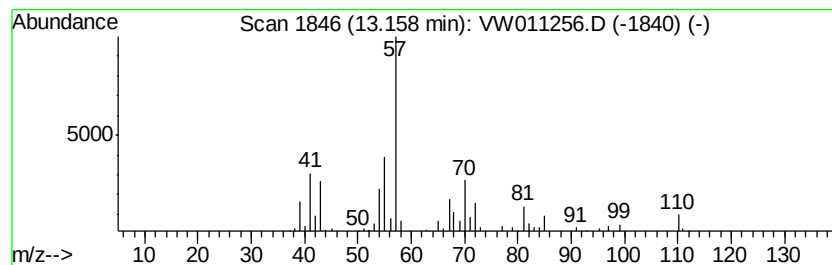
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Quant Title : VOC Analysis

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

Peak Number 8 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	1.68 ug/L	26513	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hepten-3-ol	114	C7H14O	004938-52-7	38
2		1-Octen-3-ol	128	C8H16O	003391-86-4	35
3		1-Octen-3-ol	128	C8H16O	003391-86-4	32
4		1-Nonen-3-ol	142	C9H18O	021964-44-3	27
5		Cyclooctyl alcohol	128	C8H16O	000696-71-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
Data File : VW011256.D
Acq On : 15 Jul 2019 13:00
Operator : SY/VA
Sample : K3760-14RE
Misc : 4.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

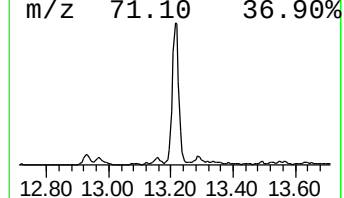
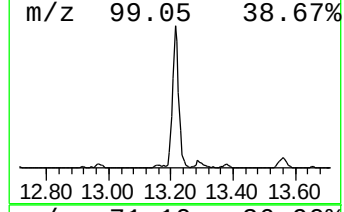
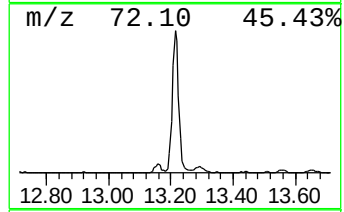
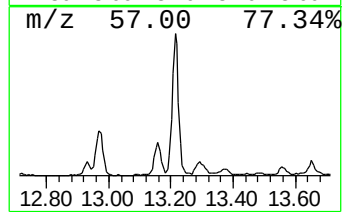
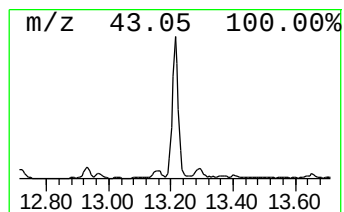
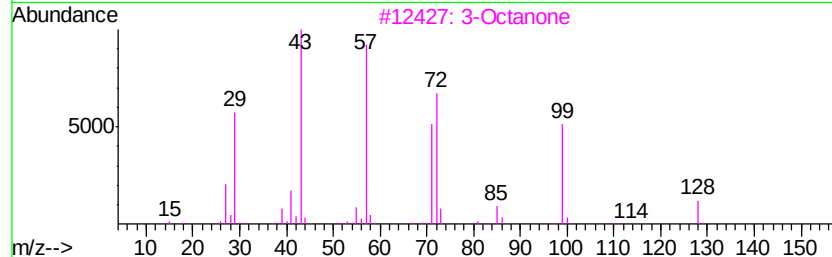
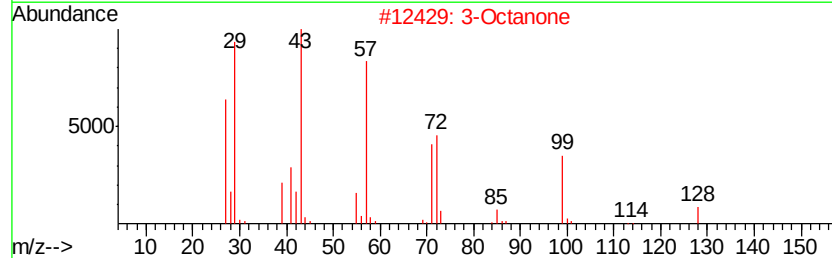
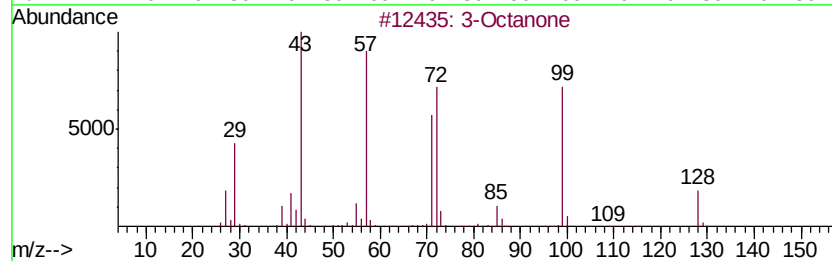
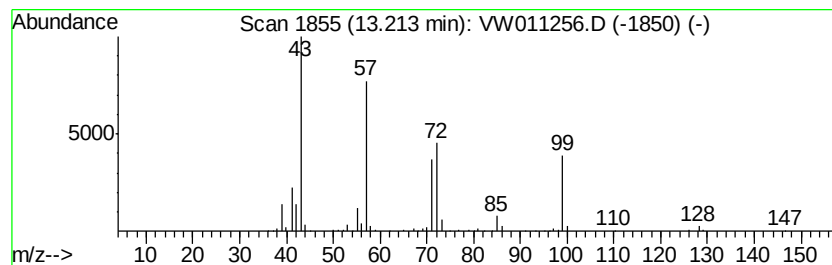
Instrument :
MSVOA_W
ClientSampled :
DB8Z4RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 9 3-Octanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	8.26 ug/L	130350	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Octanone	128 C8H16O	000106-68-3	76
2	3-Octanone	128 C8H16O	000106-68-3	74
3	3-Octanone	128 C8H16O	000106-68-3	64
4	Ethanone, 1-(3,3-dimethyloxiranyl)-	114 C6H10O2	004478-63-1	59
5	3-Heptanone, 5-methyl-	128 C8H16O	000541-85-5	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
Data File : VW011256.D
Acq On : 15 Jul 2019 13:00
Operator : SY/VA
Sample : K3760-14RE
Misc : 4.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4RE

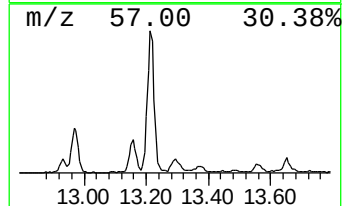
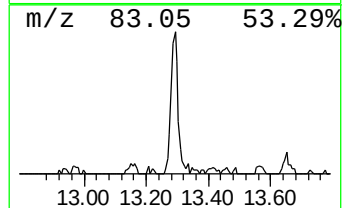
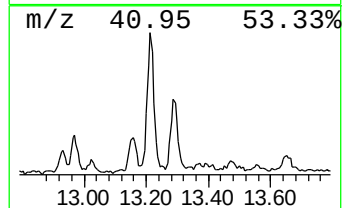
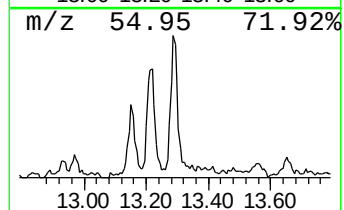
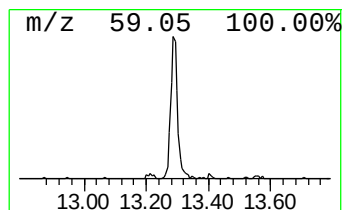
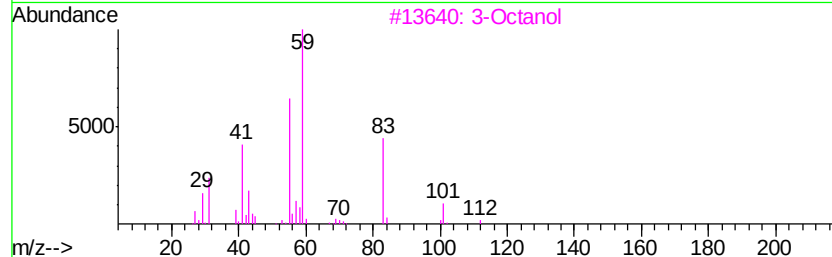
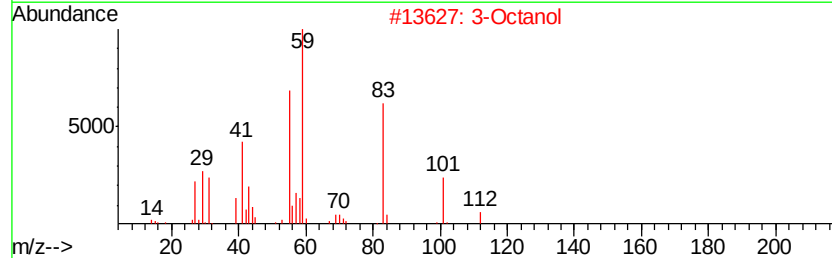
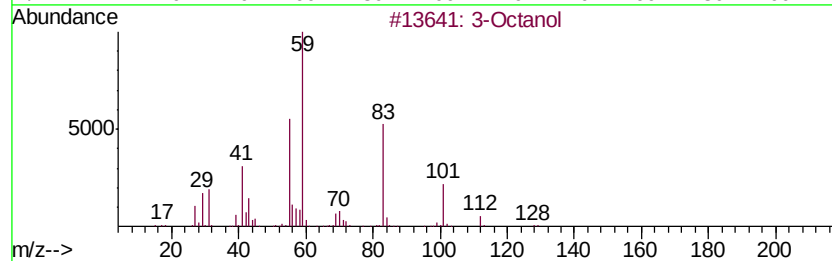
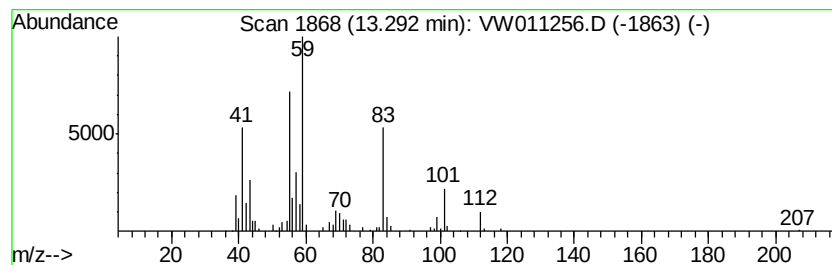
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 10 3-Octanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.67 ug/L	42076	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanol	130	C8H18O	000589-98-0	72
2			3-Octanol	130	C8H18O	000589-98-0	64
3			3-Octanol	130	C8H18O	000589-98-0	53
4			3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	53
5			3-Octanol	130	C8H18O	000589-98-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
Data File : VW011256.D
Acq On : 15 Jul 2019 13:00
Operator : SY/VA
Sample : K3760-14RE
Misc : 4.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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
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unknown-02	4.39	1.3	ug/L	36886	1	8.84	725187	25.0
(DEL) Alkane: Str...	5.93	1.3	ug/L	38882	1	8.84	725187	25.0
3-Cyclohepten-1-one	11.02	1.7	ug/L	45049	2	11.63	646523	25.0
Tricyclo[2.2.1.0(...	12.37	1.5	ug/L	39051	2	11.63	646523	25.0
(1R)-2,6,6-Trimet...	12.47	4.4	ug/L	114915	2	11.63	646523	25.0
unknown-03	13.16	1.7	ug/L	26513	3	13.56	394603	25.0
3-Octanone	13.21	8.3	ug/L	130350	3	13.56	394603	25.0
3-Octanol	13.29	2.7	ug/L	42076	3	13.56	394603	25.0