

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW120619\
 Data File : VW014255.D
 Acq On : 06 Dec 2019 17:43
 Operator : SY/VA
 Sample : K6172-06
 Misc : 4.26G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BT2

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\SOM2WLM120519S.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	1.958	5	9	12	rBV2	14493	22874	0.80%	0.145%
2	2.154	36	41	47	rBV2	15901	37767	1.33%	0.239%
3	2.349	67	73	83	rVB	269159	480137	16.89%	3.038%
4	2.885	154	161	175	rVB	167398	421011	14.81%	2.663%
5	3.385	237	243	244	rBV4	3034	4992	0.18%	0.032%
6	3.531	263	267	269	rBV3	1517	2310	0.08%	0.015%
7	3.678	286	291	299	rVB6	5694	10573	0.37%	0.067%
8	3.848	316	319	323	rVB5	1175	1519	0.05%	0.010%
9	4.019	335	347	360	rBV	307725	995718	35.03%	6.299%
10	4.391	399	408	413	rBV5	6558	16802	0.59%	0.106%
11	4.732	460	464	467	rBV3	1204	1970	0.07%	0.012%
12	4.915	482	494	513	rBV3	21930	89699	3.16%	0.567%
13	5.123	526	528	530	rBV3	652	782	0.03%	0.005%
14	5.409	573	575	576	rBV	1097	997	0.04%	0.006%
15	5.744	626	630	632	rVV4	988	1308	0.05%	0.008%
16	5.933	652	661	669	rBV5	10288	29713	1.05%	0.188%
17	5.988	669	670	674	rVB3	1563	1248	0.04%	0.008%
18	6.061	680	682	685	rVB3	1258	1121	0.04%	0.007%
19	6.092	685	687	689	rBV	1022	931	0.03%	0.006%
20	6.141	689	695	696	rBV2	1235	1556	0.05%	0.010%
21	6.208	704	706	709	rBV2	1112	779	0.03%	0.005%
22	6.293	716	720	724	rVB3	1178	2234	0.08%	0.014%
23	6.677	779	783	785	rBV2	692	824	0.03%	0.005%
24	6.897	815	819	820	rBV3	1183	1562	0.05%	0.010%
25	6.982	831	833	834	rBV2	933	781	0.03%	0.005%
26	7.073	839	848	853	rBV	90279	249527	8.78%	1.579%
27	7.311	885	887	891	rVB4	1402	1397	0.05%	0.009%
28	7.427	903	906	907	rBV3	1400	1206	0.04%	0.008%
29	7.525	919	922	923	rBV3	2062	1984	0.07%	0.013%
30	7.640	931	941	954	rBV	493261	1221320	42.96%	7.727%
31	7.872	978	979	982	rBV2	740	848	0.03%	0.005%
32	7.945	985	991	1001	rVB8	6514	14299	0.50%	0.090%
33	8.018	1001	1003	1008	rBV5	961	1671	0.06%	0.011%
34	8.152	1022	1025	1028	rBV3	1224	1389	0.05%	0.009%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
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35	8.274	1031	1045	1060	rBV2	979609	2842750	100.00%	17.984%
36	8.555	1090	1091	1093	rBV2	1034	838	0.03%	0.005%
37	8.622	1100	1102	1103	rBV2	1278	870	0.03%	0.006%
38	8.695	1108	1114	1121	rVB7	3116	8038	0.28%	0.051%
39	8.841	1129	1138	1152	rBV	806155	1613542	56.76%	10.208%
40	9.079	1169	1177	1185	rVB7	6950	18112	0.64%	0.115%
41	9.140	1185	1187	1189	rVB3	1459	1425	0.05%	0.009%
42	9.165	1189	1191	1193	rVB3	913	817	0.03%	0.005%
43	9.274	1200	1209	1217	rBV	700548	1458308	51.30%	9.226%
44	9.414	1230	1232	1235	rVB3	1757	1566	0.06%	0.010%
45	9.567	1254	1257	1258	rBV2	1277	1483	0.05%	0.009%
46	9.671	1272	1274	1278	rVB4	1025	841	0.03%	0.005%
47	9.890	1305	1310	1317	rVB4	15465	31673	1.11%	0.200%
48	10.030	1326	1333	1345	rBV	174545	321632	11.31%	2.035%
49	10.207	1356	1362	1365	rBV3	8057	15093	0.53%	0.095%
50	10.244	1365	1368	1373	rVB3	7485	11916	0.42%	0.075%
51	10.323	1373	1381	1387	rBV	914982	1627596	57.25%	10.297%
52	10.384	1387	1391	1398	rVB	104835	183614	6.46%	1.162%
53	10.494	1405	1409	1414	rVB7	4144	7867	0.28%	0.050%
54	10.579	1417	1423	1431	rVB	79972	147298	5.18%	0.932%
55	10.652	1433	1435	1436	rBV2	2796	1845	0.06%	0.012%
56	10.701	1437	1443	1450	rVB	79620	143079	5.03%	0.905%
57	10.762	1450	1453	1454	rBV2	4332	4735	0.17%	0.030%
58	10.920	1473	1479	1496	rBV	256603	485246	17.07%	3.070%
59	11.060	1496	1502	1511	rBV	51856	94679	3.33%	0.599%
60	11.170	1518	1520	1525	rVB5	8420	10968	0.39%	0.069%
61	11.438	1558	1564	1570	rVB3	38298	68590	2.41%	0.434%
62	11.627	1588	1595	1610	rVB	602701	1037109	36.48%	6.561%
63	12.036	1660	1662	1665	rVB4	2390	2243	0.08%	0.014%
64	12.121	1670	1676	1677	rBV5	3339	4790	0.17%	0.030%
65	12.335	1709	1711	1714	rVB4	1968	1827	0.06%	0.012%
66	12.469	1730	1733	1740	rVB7	3593	5554	0.20%	0.035%
67	12.566	1745	1749	1750	rVV3	1786	2231	0.08%	0.014%
68	12.603	1750	1755	1762	rVV	95021	163199	5.74%	1.032%
69	12.688	1762	1769	1777	rVV	466977	785031	27.62%	4.966%
70	12.780	1779	1784	1790	rVB10	6804	12891	0.45%	0.082%
71	12.859	1795	1797	1800	rBV4	1938	1802	0.06%	0.011%

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Integration Parameters: LSCINT.P

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72	12.932	1803	1809	1818	rBV2	26456	49496	1.74%	0.313%
73	13.030	1823	1825	1829	rVB5	3937	5064	0.18%	0.032%
74	13.085	1829	1834	1839	rVB8	3672	5544	0.20%	0.035%
75	13.158	1843	1846	1847	rBV3	2540	2393	0.08%	0.015%
76	13.188	1849	1851	1858	rVB4	5254	8103	0.29%	0.051%
77	13.243	1858	1860	1862	rBV3	1155	800	0.03%	0.005%
78	13.292	1864	1868	1878	rVB3	16315	30238	1.06%	0.191%
79	13.402	1878	1886	1892	rBV3	11298	23547	0.83%	0.149%
80	13.499	1899	1902	1906	rBV5	5451	8657	0.30%	0.055%
81	13.554	1906	1911	1917	rBV	134660	222679	7.83%	1.409%
82	13.761	1940	1945	1948	rBV7	8201	13147	0.46%	0.083%
83	13.853	1953	1960	1967	rBV	289295	493970	17.38%	3.125%
84	13.950	1974	1976	1980	rVB4	4841	5617	0.20%	0.036%
85	14.066	1990	1995	2004	rVB2	44746	76094	2.68%	0.481%
86	14.200	2014	2017	2023	rVB7	4282	6328	0.22%	0.040%
87	14.249	2023	2025	2026	rBV	1471	1014	0.04%	0.006%
88	14.298	2031	2033	2035	rBV3	2634	2158	0.08%	0.014%
89	14.328	2035	2038	2042	rBV5	5832	8842	0.31%	0.056%
90	14.493	2063	2065	2066	rBV2	1440	885	0.03%	0.006%
91	14.621	2084	2086	2089	rVB4	1515	1619	0.06%	0.010%
92	14.651	2089	2091	2094	rBV4	1341	1178	0.04%	0.007%
93	14.724	2098	2103	2108	rVB7	4129	6900	0.24%	0.044%
94	15.438	2211	2220	2225	rBV	33951	64615	2.27%	0.409%
95	15.499	2225	2230	2233	rVB2	5276	10308	0.36%	0.065%
96	15.688	2258	2261	2265	rBV5	3248	3900	0.14%	0.025%
97	15.840	2284	2286	2292	rVB6	3485	4925	0.17%	0.031%
98	16.273	2356	2357	2359	rBV2	1626	1033	0.04%	0.007%
99	16.462	2386	2388	2390	rBV2	2015	1783	0.06%	0.011%
100	16.505	2392	2395	2397	rBV4	1675	2051	0.07%	0.013%

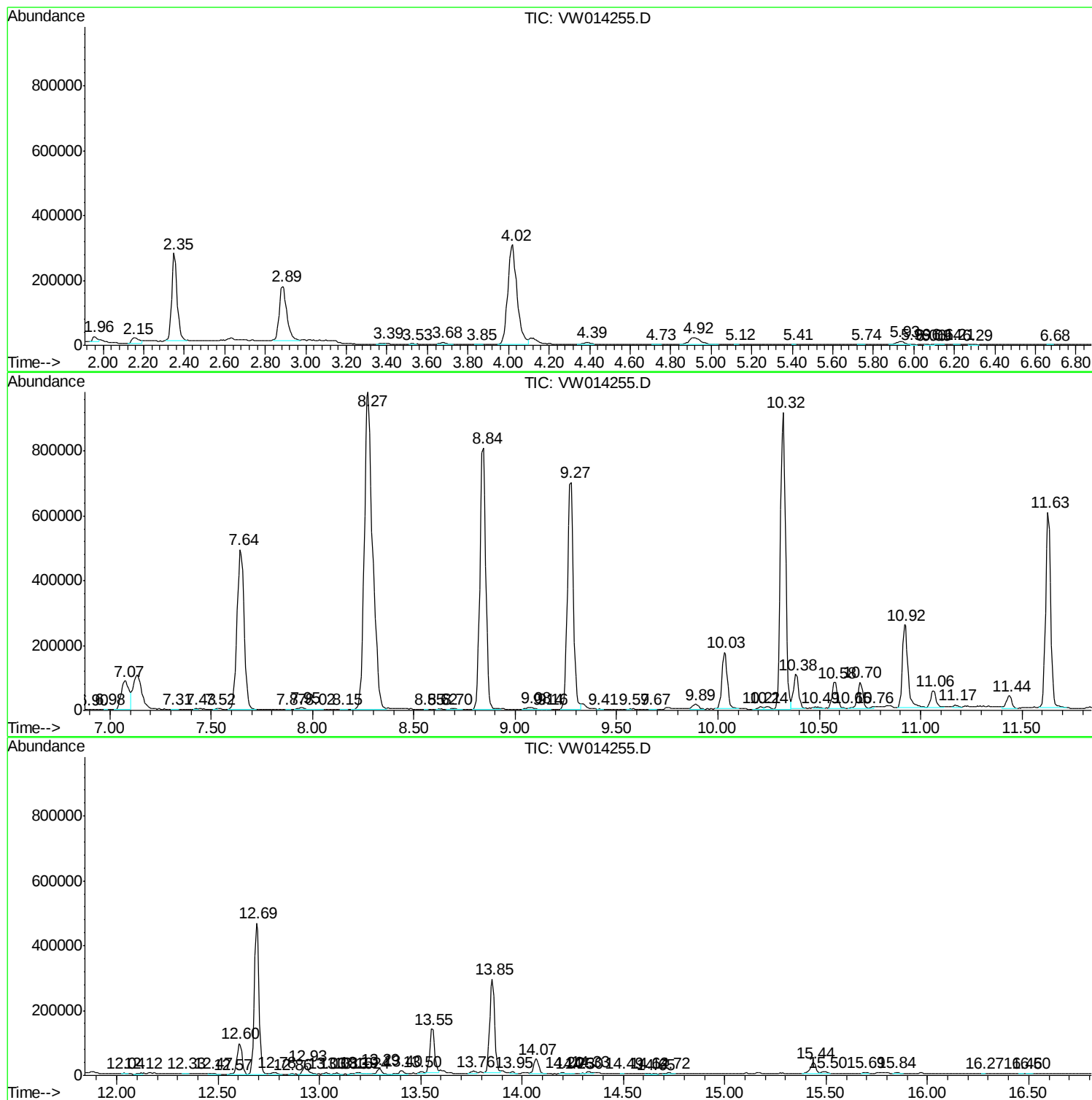
Sum of corrected areas: 15806835

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



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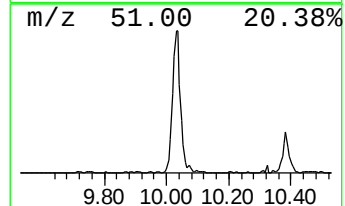
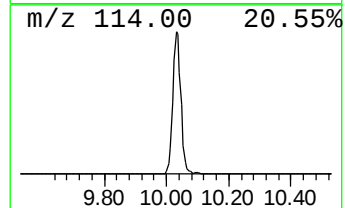
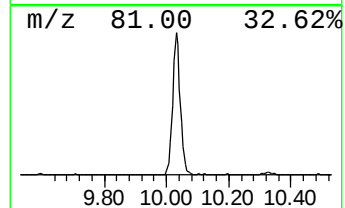
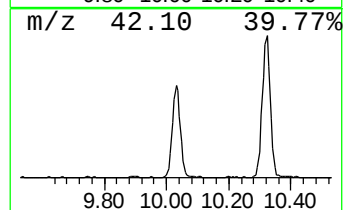
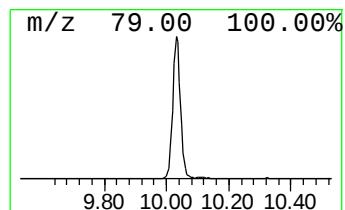
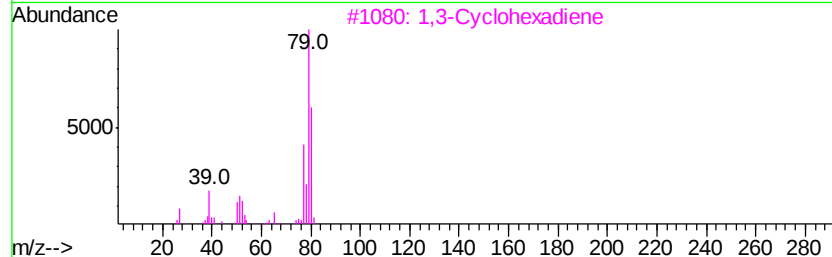
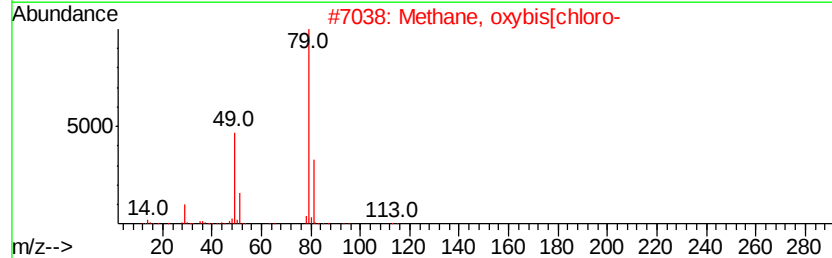
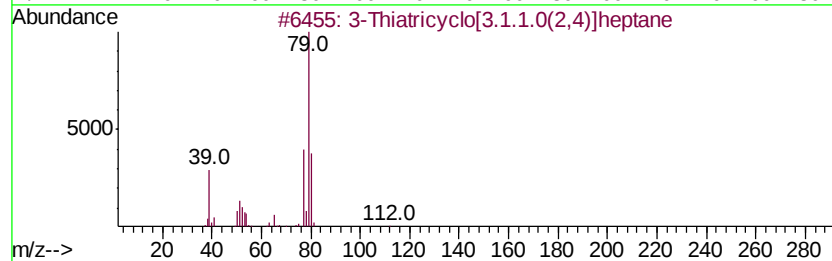
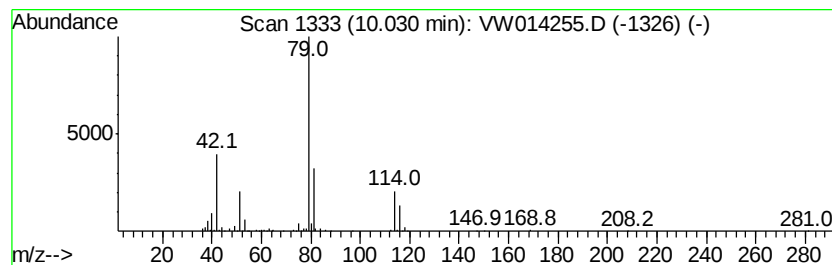
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis

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.
10.03	4.98 ug/L	321632	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	37
2		Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
3		1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
4		2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23
5		2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9



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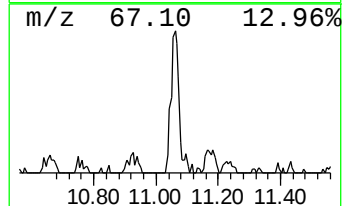
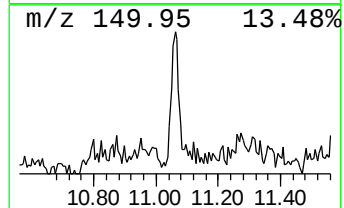
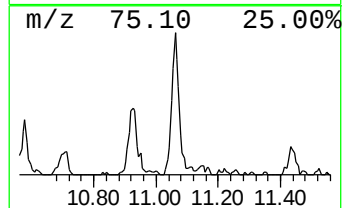
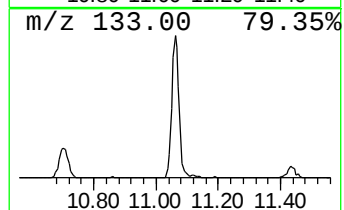
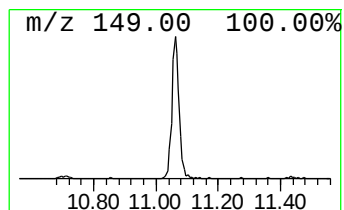
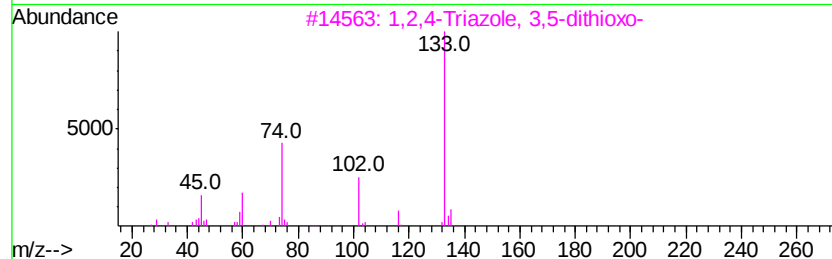
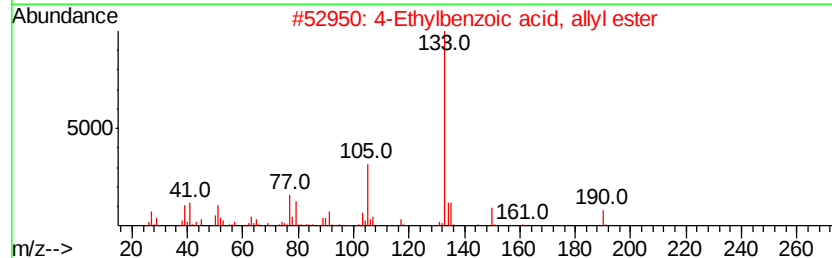
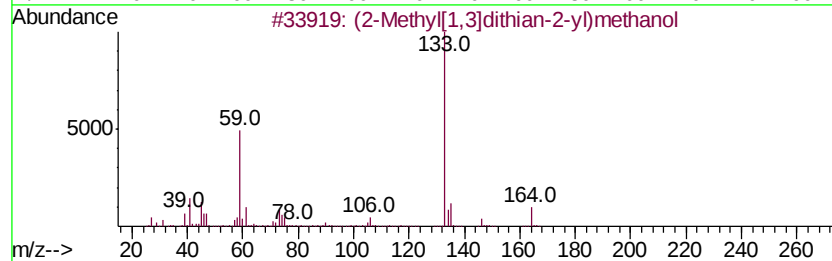
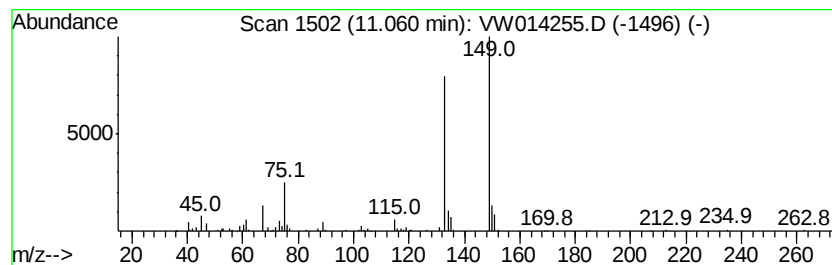
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 3 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.28 ug/L	94679	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		(2-Methyl[1,3]dithian-2-yl)methanol	164	C6H12OS2	1000191-37-4	35
2		4-Ethylbenzoic acid, allyl ester	190	C12H14O2	1000293-31-7	35
3		1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	27
4		4-Methylthieno[2,3-b]pyridine	149	C8H7NS	013362-81-7	17
5		4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	17



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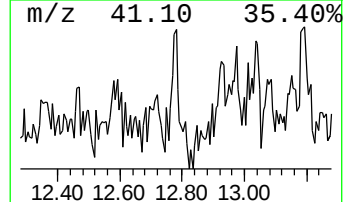
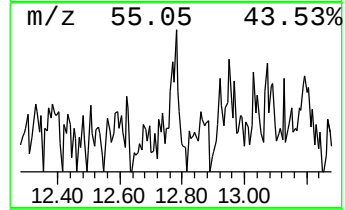
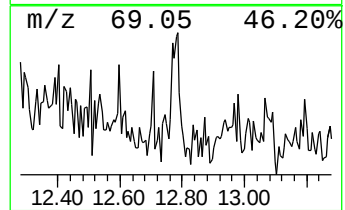
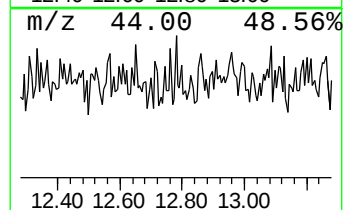
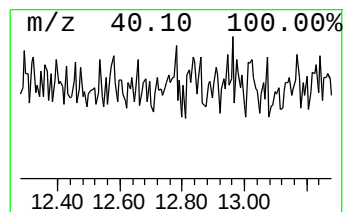
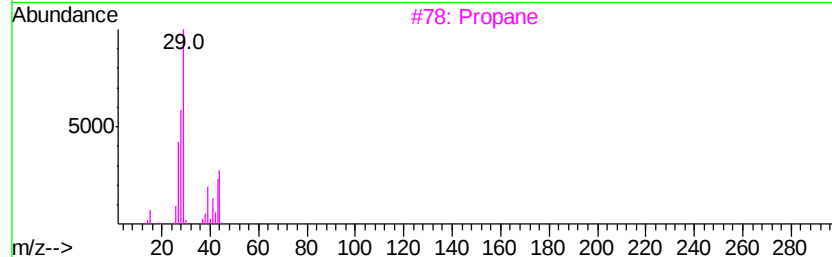
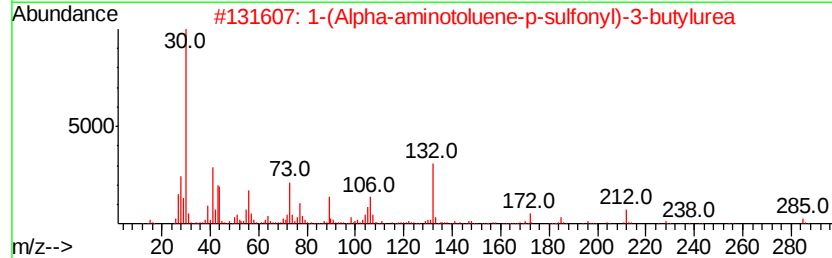
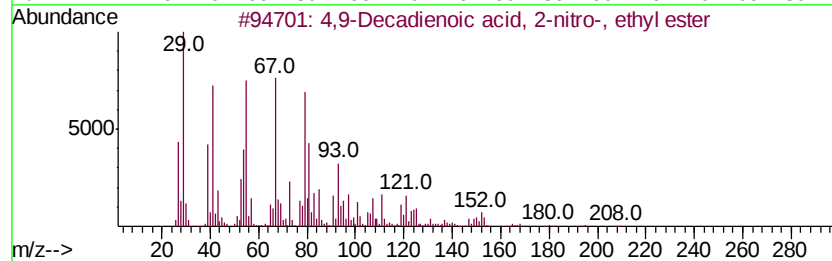
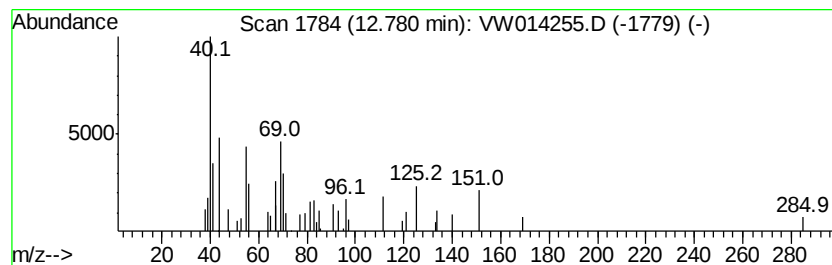
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Quant Title : VOC Analysis

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

Peak Number 6 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	1.45 ug/L	12891	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4,9-Decadienoic acid, 2-nitro-, ...	241 C12H19N04	029085-46-9	10
2	1-(Alpha-aminotoluene-p-sulfonyl)...	285 C12H19N3O3S	051327-18-5	5
3	Propane	44 C3H8	000074-98-6	4
4	Cyclopentanol, 2-(aminomethyl)-,...	115 C6H13NO	040482-02-8	4
5	4-Methyl-pent-3-enylamine	99 C6H13N	013296-28-1	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW120619\
Data File : VW014255.D
Acq On : 06 Dec 2019 17:43
Operator : SY/VA
Sample : K6172-06
Misc : 4.26G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BT2

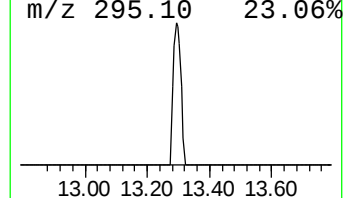
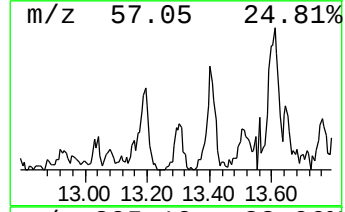
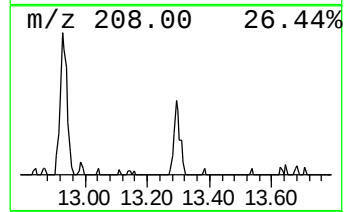
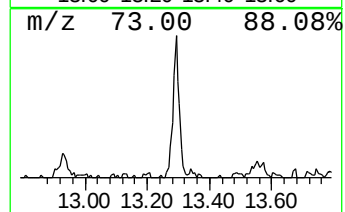
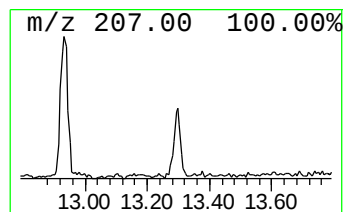
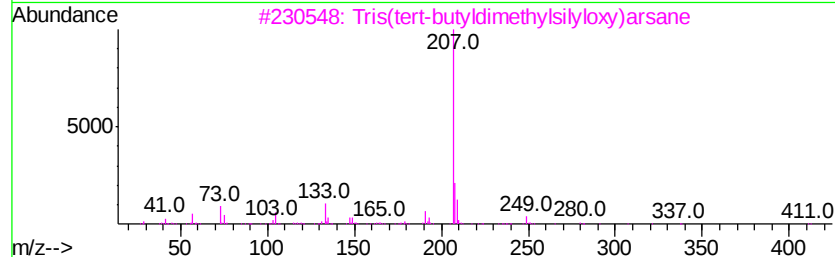
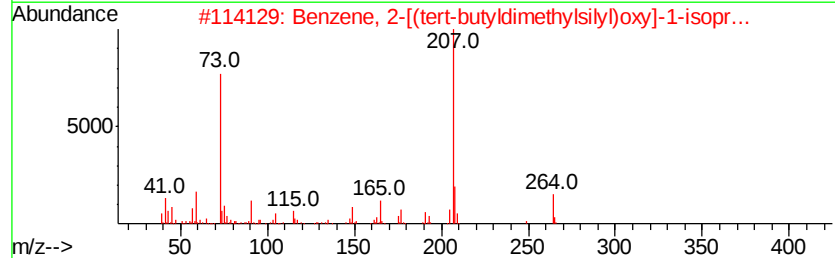
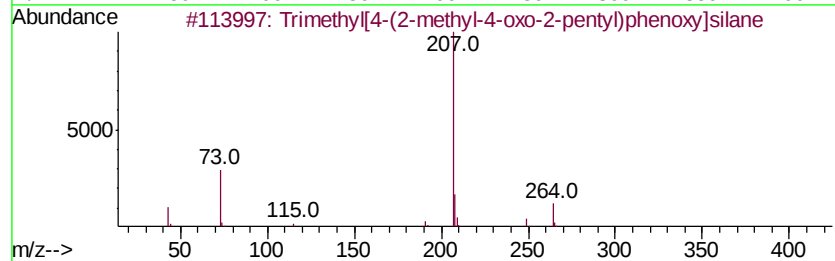
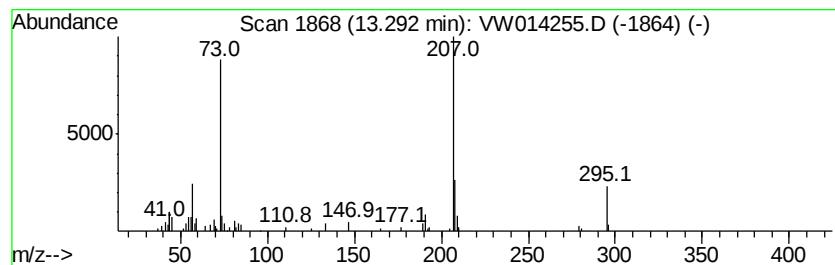
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Quant Title : VOC Analysis

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

Peak Number 8 Trimethyl[4-(2-methyl-4-oxo... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.39 ug/L	30238	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trimethyl[4-(2-methyl-4-oxo-2-pe...	264	C15H24O2Si	1000283-54-9	59
2		Benzene, 2-[(tert-butyl)dimethyls...	264	C16H28OSi	330455-64-6	50
3		Tris(tert-butyl)dimethylsilyloxy...	468	C18H45AsO3Si3	1000366-57-5	50
4		1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	50
5		2,4,6-Cycloheptatrien-1-one, 3,5...	250	C13H22OSi2	1000161-21-8	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW120619\
Data File : VW014255.D
Acq On : 06 Dec 2019 17:43
Operator : SY/VA
Sample : K6172-06
Misc : 4.26G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

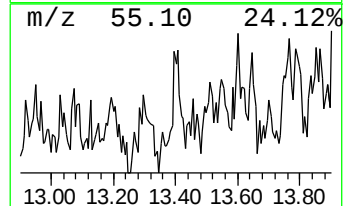
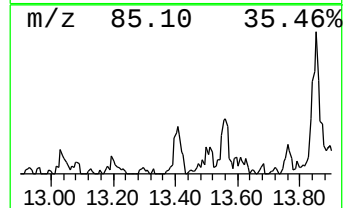
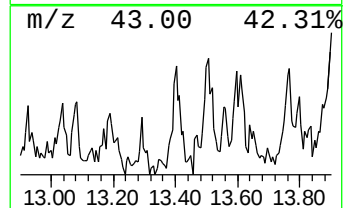
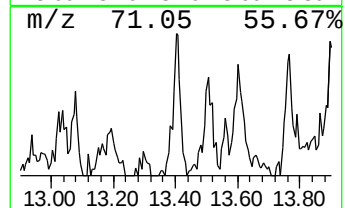
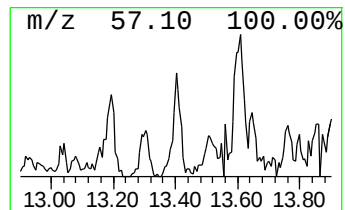
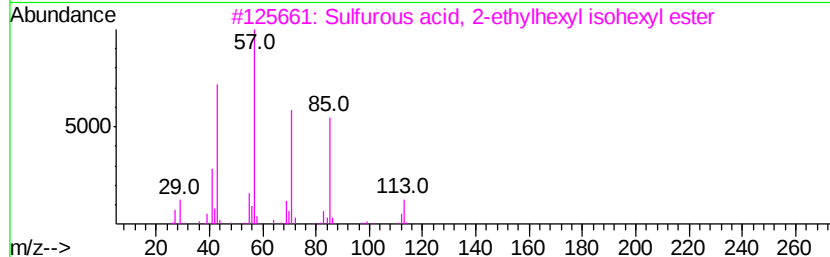
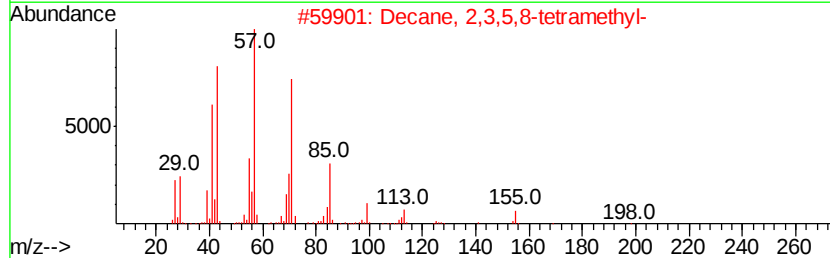
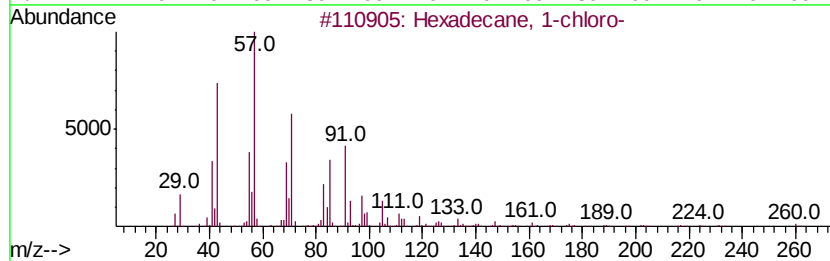
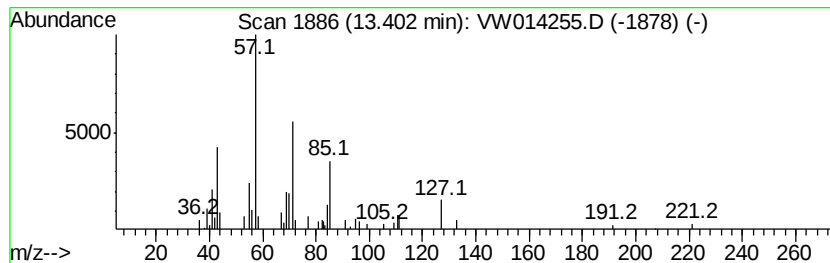
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 9 Hexadecane, 1-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.64 ug/L	23547	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane, 1-chloro-	260 C16H33Cl	004860-03-1	50
2	Decane, 2,3,5,8-tetramethyl-	198 C14H30	192823-15-7	50
3	Sulfurous acid, 2-ethylhexyl iso...	278 C14H30O3S	1000309-19-0	47
4	Nonane, 2-methyl-5-propyl-	184 C13H28	031081-17-1	47
5	Nonane, 5-methyl-5-propyl-	184 C13H28	017312-75-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW120619\
Data File : VW014255.D
Acq On : 06 Dec 2019 17:43
Operator : SY/VA
Sample : K6172-06
Misc : 4.26G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

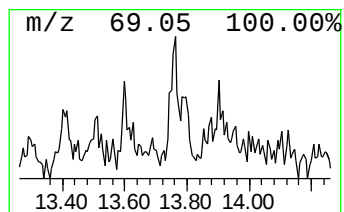
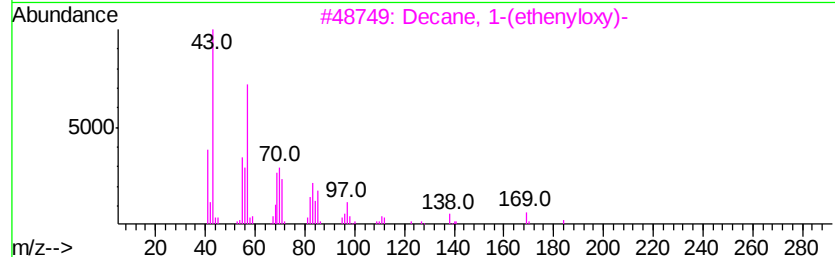
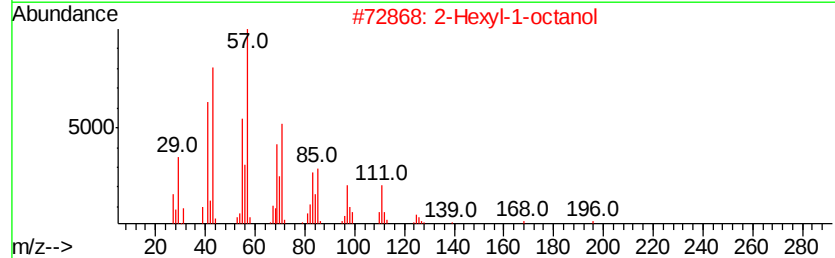
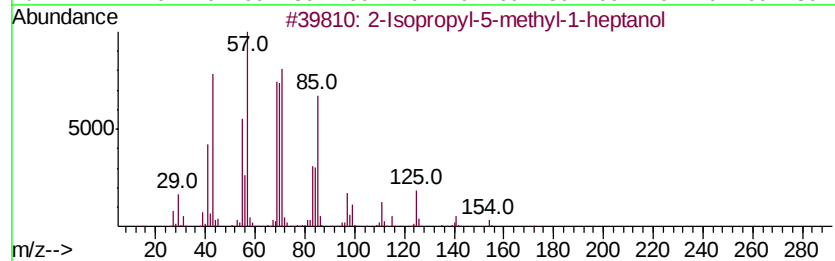
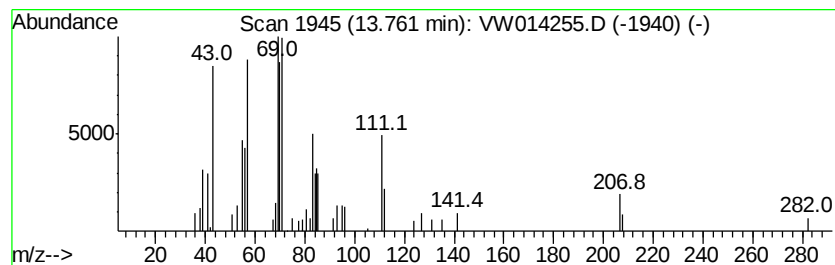
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 10 2-Isopropyl-5-methyl-1-hept... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.76	1.48 ug/L	13147	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	59
2	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	43
3	Decane, 1-(ethenyloxy)-	184	C12H24O	000765-05-9	35
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	35
5	1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW120619\
Data File : VW014255.D
Acq On : 06 Dec 2019 17:43
Operator : SY/VA
Sample : K6172-06
Misc : 4.26G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BT2

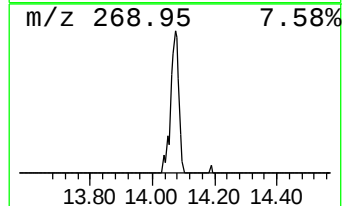
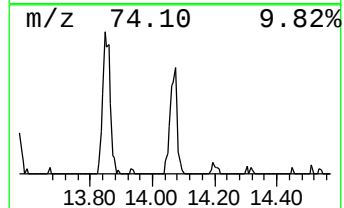
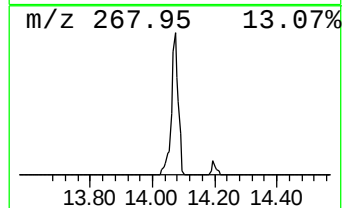
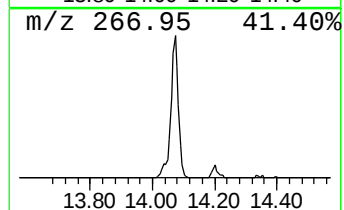
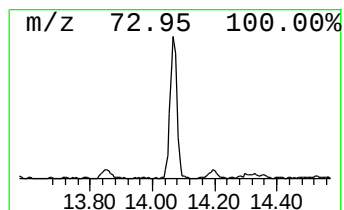
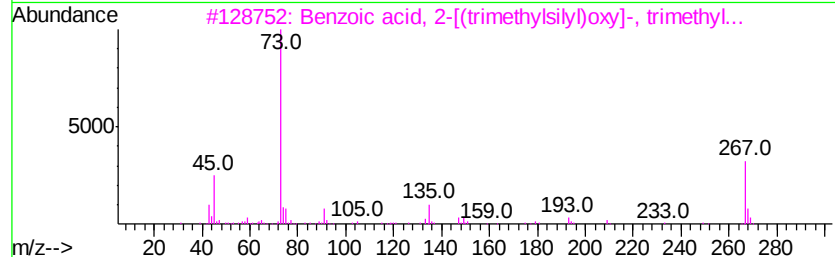
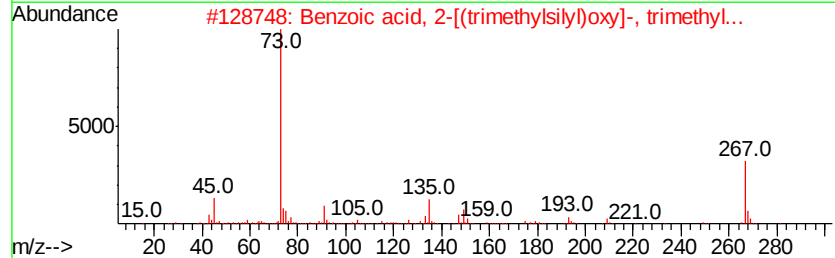
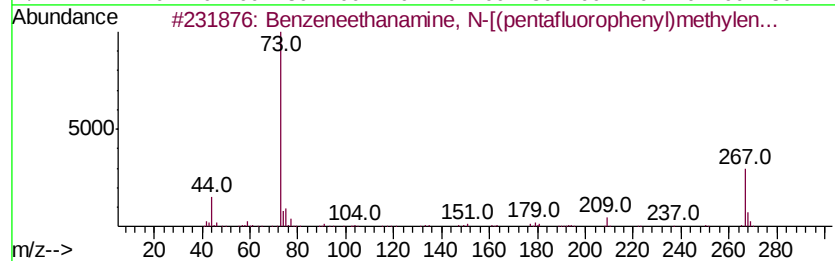
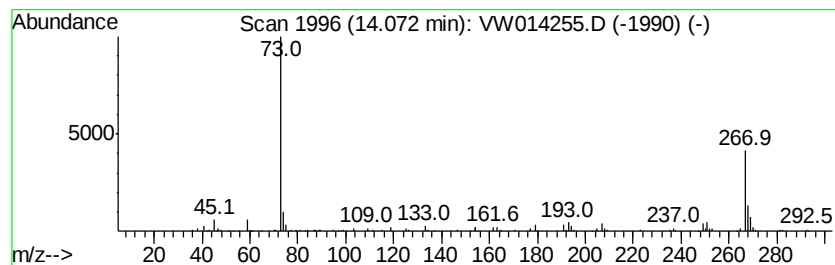
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Quant Title : VOC Analysis

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

Peak Number 11 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	8.54 ug/L	76094	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenethanamine, N-[(pentafluoro...	475	C21H26F5N02Si2	055429-85-1	42
2			Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	36
3			Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	33
4			1-(3-Chlorophenyl)piperazine, 4-...	268	C13H21ClN2Si	1000373-99-3	22
5			4-Methylcatechol, bis(trimethyls...	268	C13H24O2Si2	1000332-79-9	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW120619\
Data File : VW014255.D
Acq On : 06 Dec 2019 17:43
Operator : SY/VA
Sample : K6172-06
Misc : 4.26G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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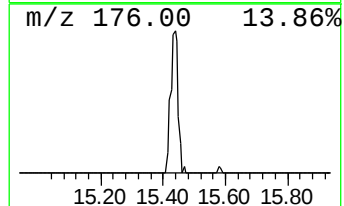
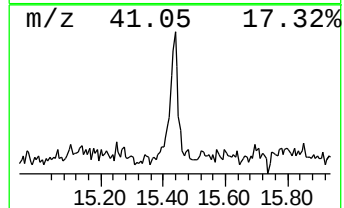
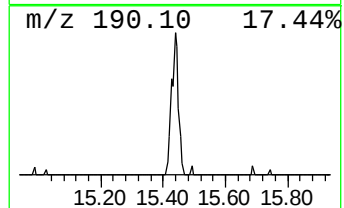
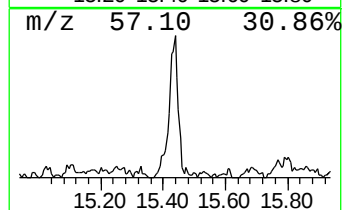
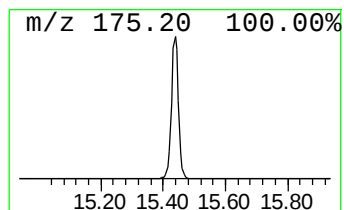
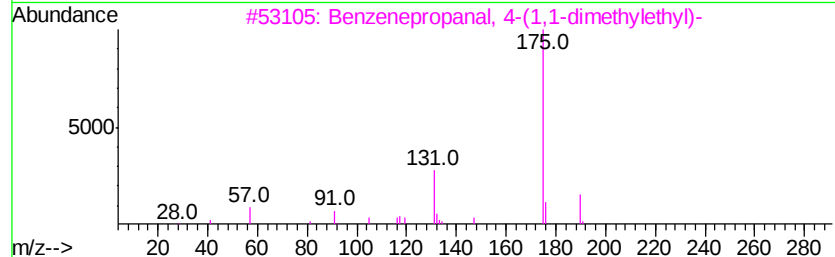
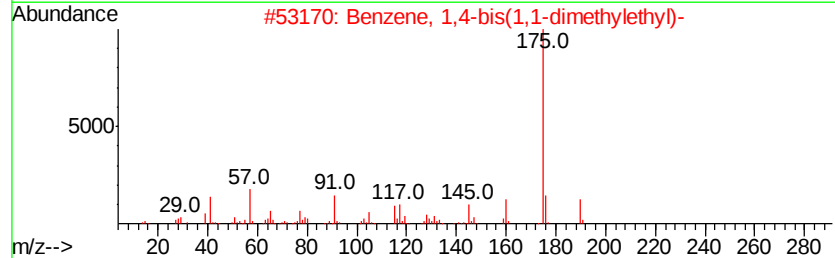
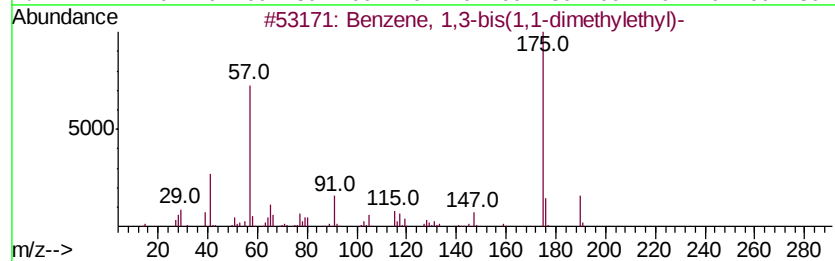
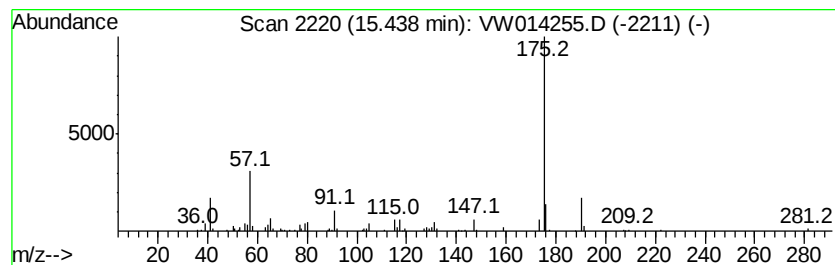
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	7.25 ug/L	64615	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	87
2		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	87
3		Benzenepropanal, 4-(1,1-dimethylethyl)-	190	C13H18O	018127-01-0	80
4		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	72
5		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120619\
Data File : VW014255.D
Acq On : 06 Dec 2019 17:43
Operator : SY/VA
Sample : K6172-06
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.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	11.06	2.3	ug/L	94679	2	11.63	1037110	25.0
unknown-03	12.78	1.5	ug/L	12891	3	13.55	222679	25.0
Trimethyl[4-(2-me...	13.29	3.4	ug/L	30238	3	13.55	222679	25.0
Hexadecane, 1-chl...	13.40	2.6	ug/L	23547	3	13.55	222679	25.0
2-Isopropyl-5-met...	13.76	1.5	ug/L	13147	3	13.55	222679	25.0
unknown-04	14.07	8.5	ug/L	76094	3	13.55	222679	25.0
Benzene, 1,3-bis(...	15.44	7.3	ug/L	64615	3	13.55	222679	25.0