

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018401.D
 Acq On : 19 Mar 2021 21:16
 Operator : SY/VA
 Sample : M1698-13
 Misc : 5.42G/10ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4L1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M

Title : VOC Analysis

Signal : TIC: VW018401.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.989	11	14	30	rVB	38668	91495	0.22%	0.158%
2	2.318	64	68	71	rBV	56281	89886	0.22%	0.155%
3	2.361	71	75	90	rVB	108059	232276	0.57%	0.400%
4	2.495	93	97	106	rBV	35923	77455	0.19%	0.133%
5	2.891	156	162	176	rVB2	86183	212028	0.52%	0.365%
6	3.391	240	244	248	rVV4	2165	3741	0.01%	0.006%
7	3.708	292	296	298	rBV3	698	1089	0.00%	0.002%
8	4.031	336	349	358	rBV3	131928	456378	1.11%	0.786%
9	4.117	358	363	377	rVB2	38587	108251	0.26%	0.187%
10	4.367	396	404	405	rBV5	2545	3847	0.01%	0.007%
11	4.385	405	407	417	rVB	3985	8298	0.02%	0.014%
12	4.812	475	477	482	rVB4	759	1001	0.00%	0.002%
13	4.915	482	494	511	rBV2	29764	114402	0.28%	0.197%
14	5.129	525	529	530	rBV3	1189	1377	0.00%	0.002%
15	5.153	530	533	539	rVV5	1517	3759	0.01%	0.006%
16	5.421	564	577	590	rBV3	118591	394596	0.96%	0.680%
17	5.787	627	637	650	rVV3	32391	108878	0.26%	0.188%
18	5.946	653	663	673	rVB3	7527	23000	0.06%	0.040%
19	6.110	681	690	692	rBV7	924	1756	0.00%	0.003%
20	6.141	692	695	697	rVB3	699	834	0.00%	0.001%
21	6.312	715	723	735	rVB4	6791	21439	0.05%	0.037%
22	6.549	761	762	766	rVB4	810	890	0.00%	0.002%
23	6.897	812	819	829	rVV4	7273	20563	0.05%	0.035%
24	7.074	840	848	854	rVV	49488	136684	0.33%	0.235%
25	7.171	855	864	877	rVB	309040	861651	2.10%	1.485%
26	7.525	920	922	925	rBV3	803	847	0.00%	0.001%
27	7.647	931	942	952	rBV	176983	431477	1.05%	0.743%
28	7.781	959	964	967	rVB3	1109	1328	0.00%	0.002%
29	8.275	1033	1045	1049	rBV	299204	774568	1.88%	1.335%
30	8.549	1081	1090	1102	rVV4	26022	62237	0.15%	0.107%
31	8.665	1107	1109	1110	rBV2	867	917	0.00%	0.002%
32	8.714	1110	1117	1127	rVV4	24590	55156	0.13%	0.095%
33	8.842	1129	1138	1148	rVV	240975	484010	1.18%	0.834%
34	9.091	1168	1179	1198	rBV	4848561	9390527	22.85%	16.179%
35	9.274	1201	1209	1219	rVB	205200	416920	1.01%	0.718%
36	9.409	1225	1231	1244	rVB2	13204	30789	0.07%	0.053%

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Integration Parameters: LSCINT.P

Integrator: RTE

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Title : VOC Analysis

37	9.665	1267	1273	1276	rBV6	1879	3652	0.01%	0.006%
38	9.817	1294	1298	1299	rVV3	611	827	0.00%	0.001%
39	9.957	1315	1321	1323	rBV5	1843	3120	0.01%	0.005%
40	10.036	1326	1334	1344	rBV	89534	163590	0.40%	0.282%
41	10.128	1347	1349	1353	rVB5	1590	1584	0.00%	0.003%
42	10.189	1356	1359	1363	rBV3	675	1091	0.00%	0.002%
43	10.323	1371	1381	1389	rBV	259008	475537	1.16%	0.819%
44	10.384	1389	1391	1397	rVB6	3572	4784	0.01%	0.008%
45	10.433	1397	1399	1401	rBV2	822	907	0.00%	0.002%
46	10.579	1416	1423	1429	rBV2	55473	97021	0.24%	0.167%
47	10.634	1429	1432	1437	rVV5	6526	11261	0.03%	0.019%
48	10.701	1437	1443	1452	rVB	64413	115657	0.28%	0.199%
49	10.866	1461	1470	1477	rBV	25777326	41093665	100.00%	70.802%
50	10.927	1477	1480	1490	rVB	132331	209940	0.51%	0.362%
51	11.067	1498	1503	1510	rBV2	26728	51614	0.13%	0.089%
52	11.170	1518	1520	1522	rBV3	1533	1228	0.00%	0.002%
53	11.231	1528	1530	1533	rBV4	712	891	0.00%	0.002%
54	11.439	1559	1564	1569	rVB2	14463	26446	0.06%	0.046%
55	11.561	1580	1584	1585	rBV4	1177	1373	0.00%	0.002%
56	11.634	1589	1596	1605	rBV	166104	285968	0.70%	0.493%
57	11.780	1616	1620	1622	rBV4	1240	1719	0.00%	0.003%
58	11.829	1626	1628	1629	rBV2	1938	1551	0.00%	0.003%
59	11.945	1643	1647	1651	rBV5	1688	2487	0.01%	0.004%
60	12.176	1679	1685	1689	rBV5	2200	4630	0.01%	0.008%
61	12.243	1691	1696	1700	rVB6	1418	2226	0.01%	0.004%
62	12.341	1707	1712	1719	rVB7	5887	10820	0.03%	0.019%
63	12.402	1719	1722	1726	rVB5	715	1156	0.00%	0.002%
64	12.451	1726	1730	1731	rBV3	1183	1248	0.00%	0.002%
65	12.548	1743	1746	1747	rBV2	823	841	0.00%	0.001%
66	12.609	1748	1756	1762	rVV	139681	231736	0.56%	0.399%
67	12.695	1762	1770	1777	rVB	97485	166195	0.40%	0.286%
68	12.762	1777	1781	1784	rBV5	1040	1654	0.00%	0.003%
69	12.932	1801	1809	1815	rBV5	9498	18041	0.04%	0.031%
70	13.030	1823	1825	1829	rVV4	1024	1759	0.00%	0.003%
71	13.091	1831	1835	1837	rVV5	1318	2153	0.01%	0.004%
72	13.140	1840	1843	1844	rVV2	1150	1270	0.00%	0.002%
73	13.194	1848	1852	1855	rVV5	2235	3494	0.01%	0.006%
74	13.292	1858	1868	1874	rVV2	33129	58971	0.14%	0.102%
75	13.402	1881	1886	1893	rVB6	4999	9509	0.02%	0.016%
76	13.499	1898	1902	1905	rBV5	2410	3020	0.01%	0.005%

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Title : VOC Analysis

77	13.554	1905	1911	1917	rBV2	60262	102100	0.25%	0.176%
78	13.646	1923	1926	1931	rVB4	4732	7440	0.02%	0.013%
79	13.755	1941	1944	1947	rBV3	1367	1639	0.00%	0.003%
80	13.853	1953	1960	1968	rBV	55504	89870	0.22%	0.155%
81	14.011	1981	1986	1987	rBV4	1335	2077	0.01%	0.004%
82	14.030	1987	1989	1990	rVV2	1391	1268	0.00%	0.002%
83	14.066	1990	1995	2001	rVV	35257	58659	0.14%	0.101%
84	14.194	2011	2016	2023	rVB5	2578	5165	0.01%	0.009%
85	14.328	2026	2038	2042	rBV9	4631	13393	0.03%	0.023%
86	14.633	2083	2088	2091	rVB6	2760	4916	0.01%	0.008%
87	14.658	2091	2092	2095	rBV2	910	1084	0.00%	0.002%
88	14.725	2098	2103	2109	rVB	10587	15118	0.04%	0.026%
89	14.786	2109	2113	2114	rBV3	546	846	0.00%	0.001%
90	14.968	2141	2143	2146	rVB3	820	860	0.00%	0.001%
91	15.133	2165	2170	2173	rVV6	3027	5782	0.01%	0.010%
92	15.164	2173	2175	2180	rVB6	1415	1586	0.00%	0.003%
93	15.365	2203	2208	2211	rBV5	2201	4362	0.01%	0.008%
94	15.401	2211	2214	2216	rVV3	1857	2932	0.01%	0.005%
95	15.432	2216	2219	2225	rVV2	4547	6517	0.02%	0.011%
96	15.487	2225	2228	2233	rVB2	3292	5335	0.01%	0.009%
97	15.548	2233	2238	2243	rBV8	2659	4300	0.01%	0.007%
98	15.688	2256	2261	2264	rBV7	2197	4005	0.01%	0.007%
99	15.889	2292	2294	2295	rVB2	1227	804	0.00%	0.001%
100	15.956	2302	2305	2306	rBV3	1131	1154	0.00%	0.002%

Sum of corrected areas: 58040198

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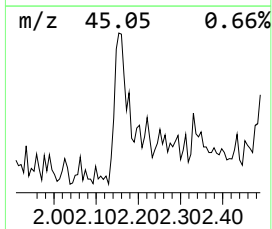
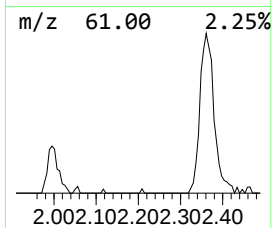
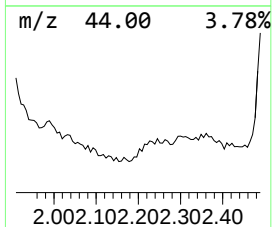
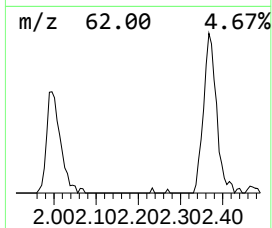
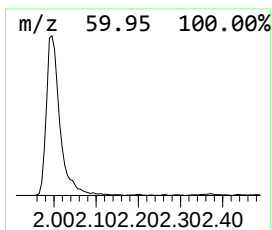
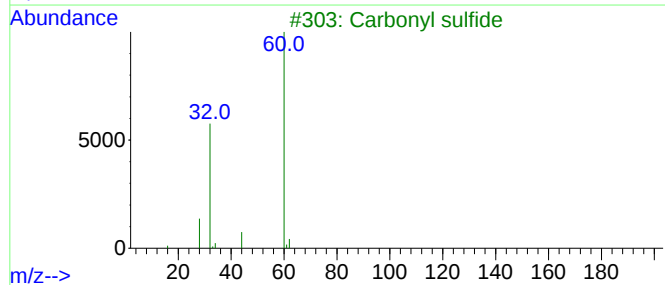
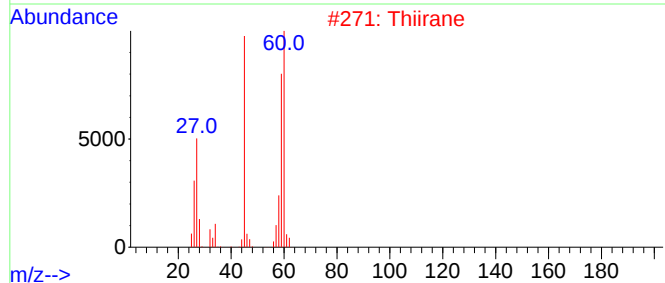
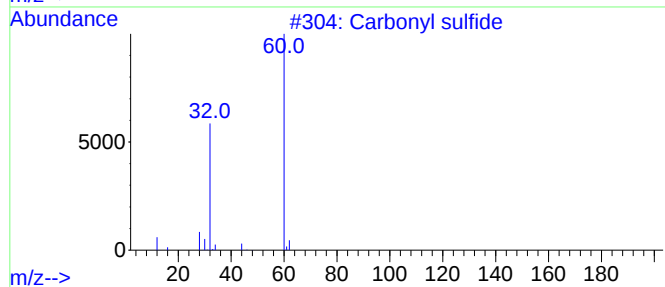
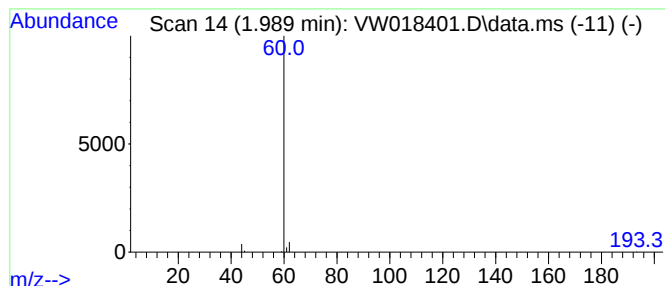
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.989	4.73 ug/L	91495	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Carbonyl sulfide	60	COS	000463-58-1	9
2		Thiirane	60	C2H4S	000420-12-2	5
3		Carbonyl sulfide	60	COS	000463-58-1	5
4		Acetic acid	60	C2H4O2	000064-19-7	5
5		Methyl formate	60	C2H4O2	000107-31-3	4



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Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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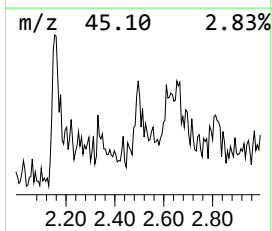
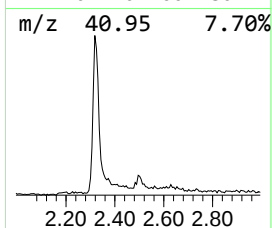
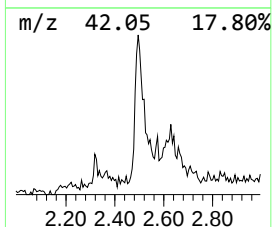
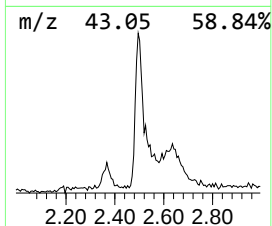
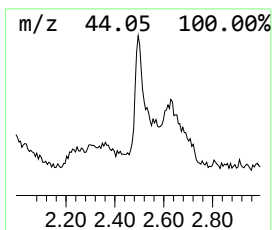
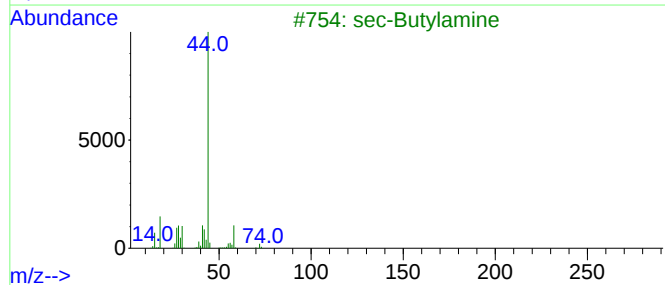
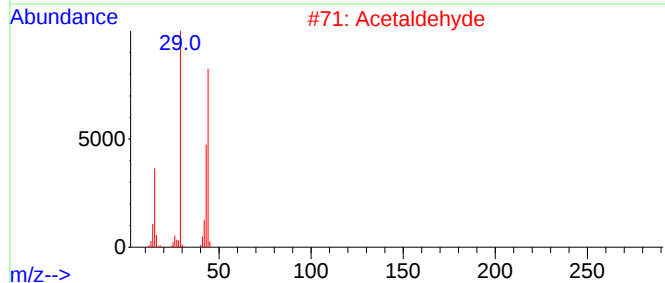
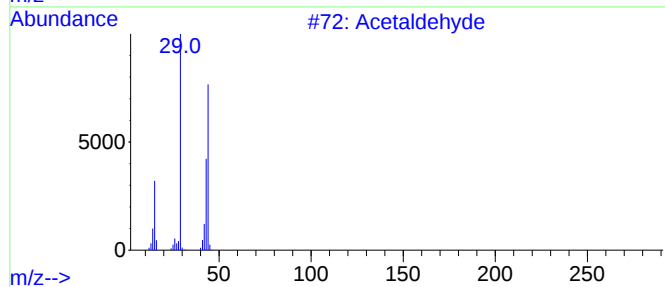
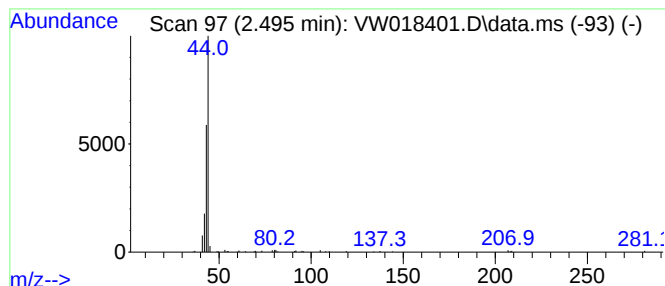
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 2 Acetaldehyde Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.495	4.00 ug/L	77455	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	56
2			Acetaldehyde	44	C2H4O	000075-07-0	56
3			sec-Butylamine	73	C4H11N	013952-84-6	7
4			Propane	44	C3H8	000074-98-6	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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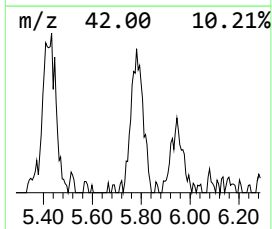
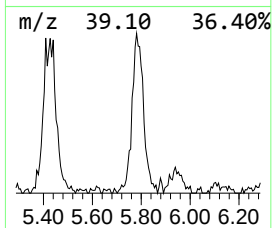
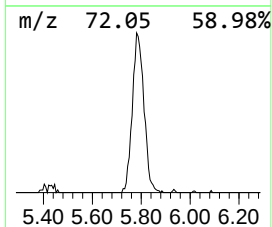
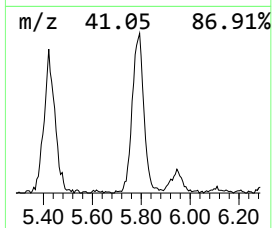
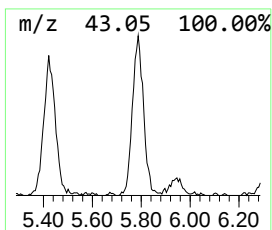
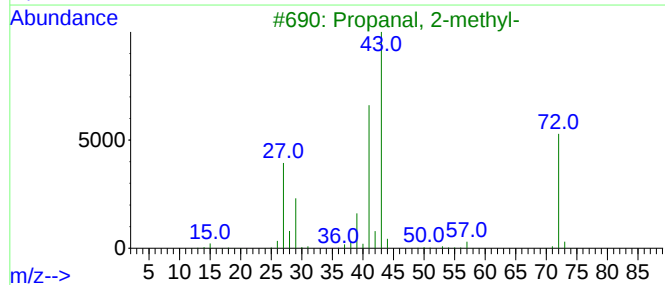
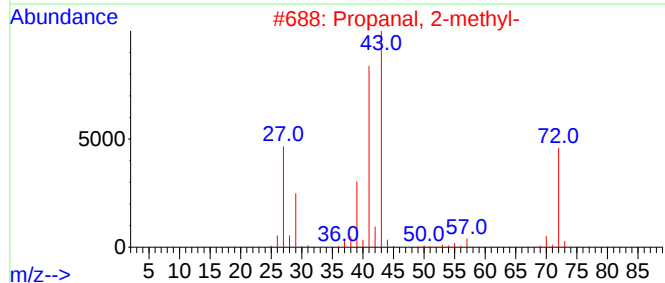
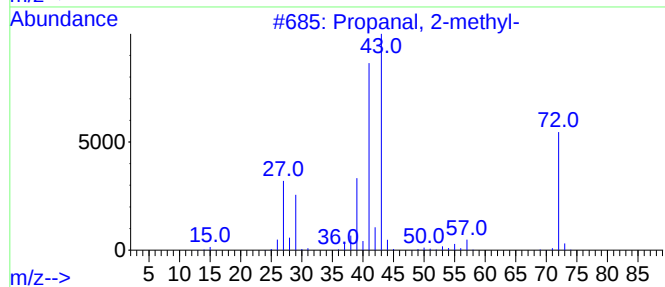
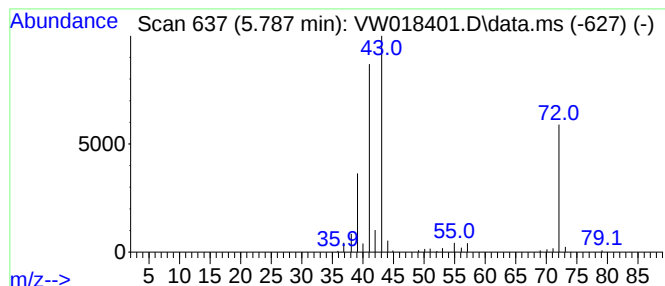
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 3 Propanal, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.787	5.62 ug/L	108878	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
2			Propanal, 2-methyl-	72	C4H8O	000078-84-2	87
3			Propanal, 2-methyl-	72	C4H8O	000078-84-2	78
4			Isobutylene epoxide	72	C4H8O	000558-30-5	42
5			Isobutylene epoxide	72	C4H8O	000558-30-5	38



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BG4L1

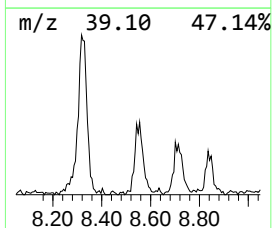
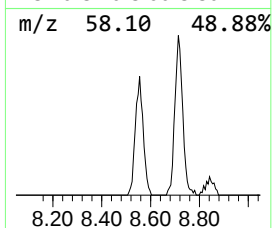
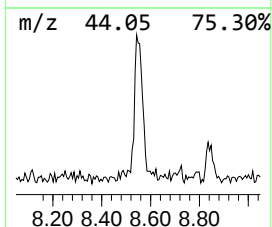
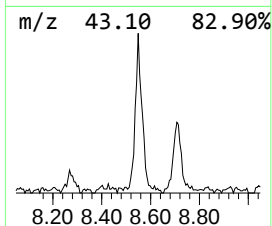
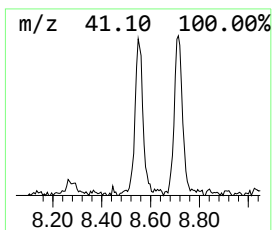
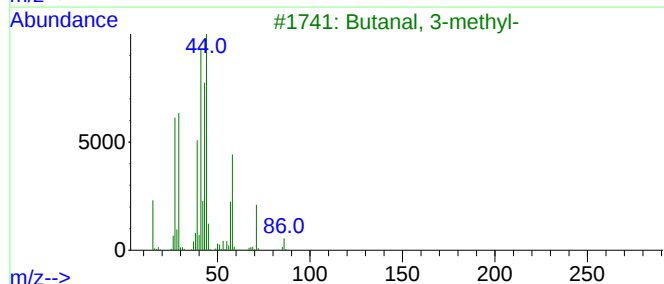
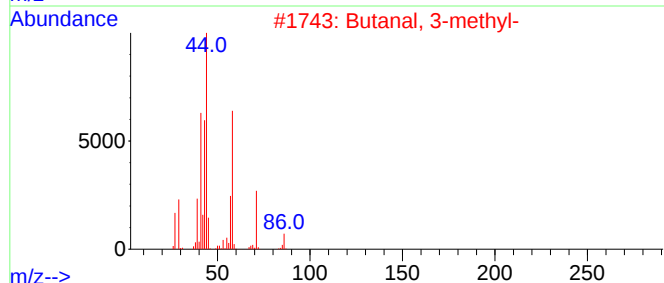
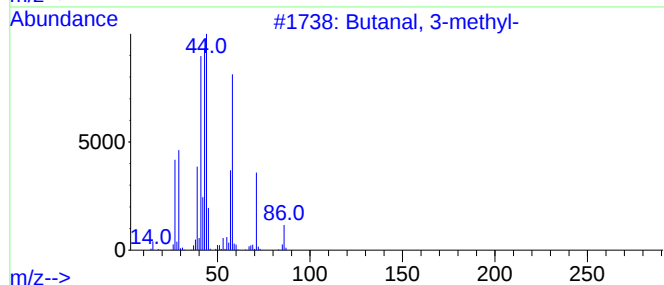
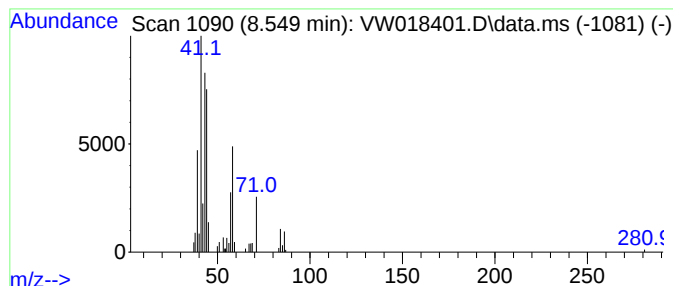
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Quant Title : VOC Analysis

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

Peak Number 4 Butanal, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.549	3.21 ug/L	62237	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	62
3			Butanal, 3-methyl-	86	C5H10O	000590-86-3	60
4			Cyclopropanecarboxamide	85	C4H7NO	006228-73-5	47
5			Pentanal	86	C5H10O	000110-62-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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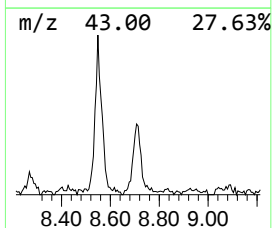
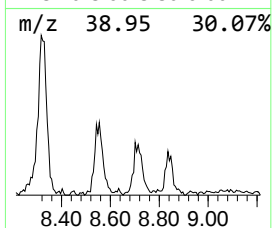
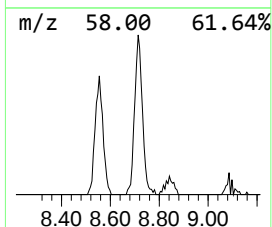
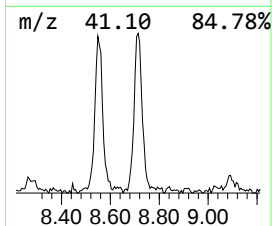
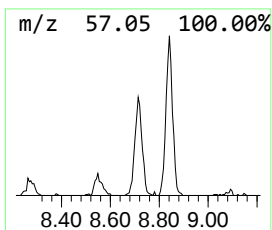
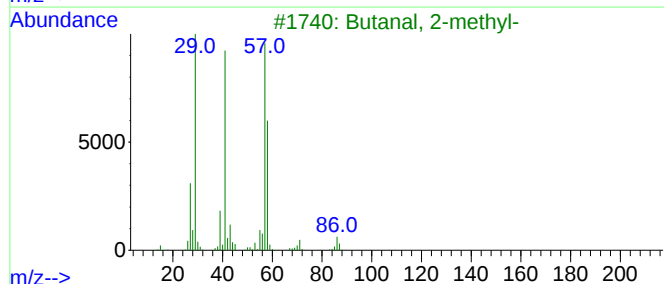
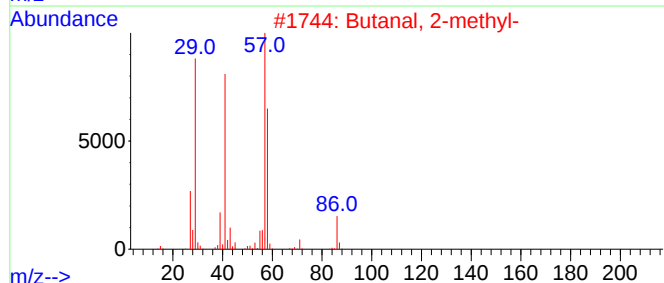
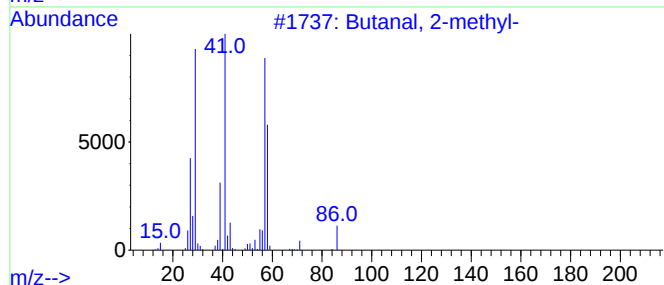
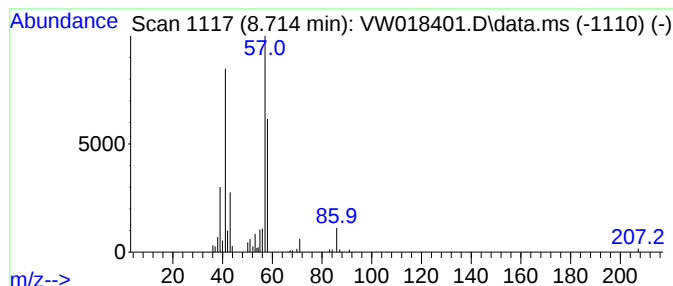
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Quant Title : VOC Analysis

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

Peak Number 5 Butanal, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.714	2.85 ug/L	55156	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal, 2-methyl-	86	C5H10O	000096-17-3	87
2			Butanal, 2-methyl-	86	C5H10O	000096-17-3	80
3			Butanal, 2-methyl-	86	C5H10O	000096-17-3	78
4			Allyl ethyl ether	86	C5H10O	000557-31-3	50
5			2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4L1

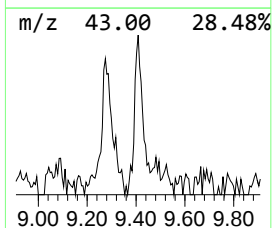
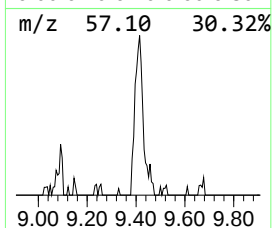
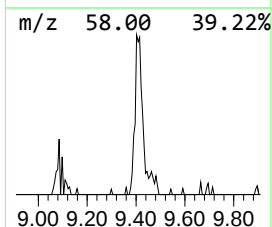
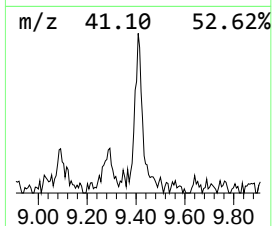
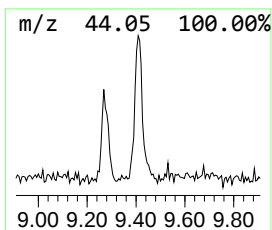
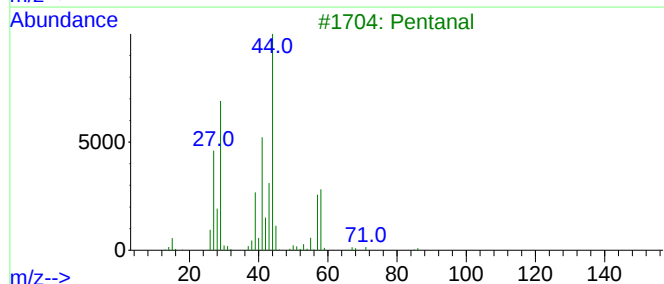
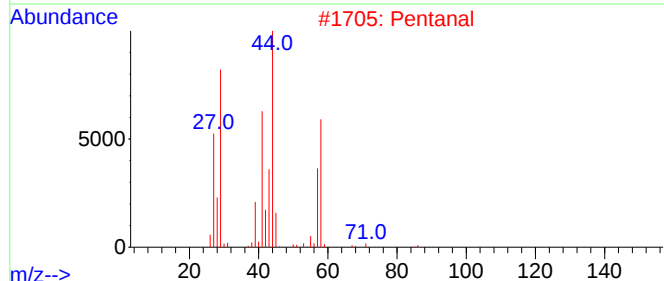
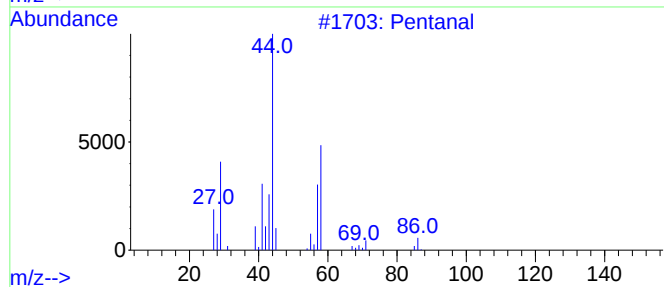
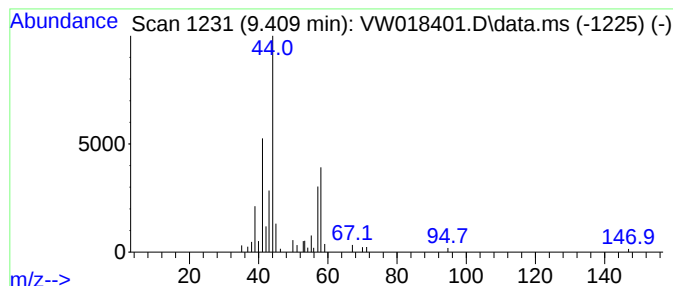
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Quant Title : VOC Analysis

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

Peak Number 6 Pentanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.409	1.59 ug/L	30789	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	72
2	Pentanal			86	C5H10O	000110-62-3	56
3	Pentanal			86	C5H10O	000110-62-3	53
4	Cyclopropyl carbinol			72	C4H8O	002516-33-8	47
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4L1

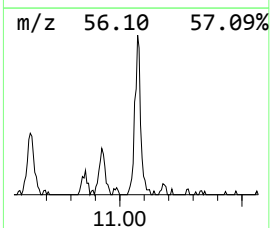
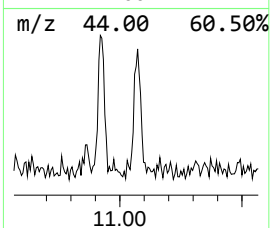
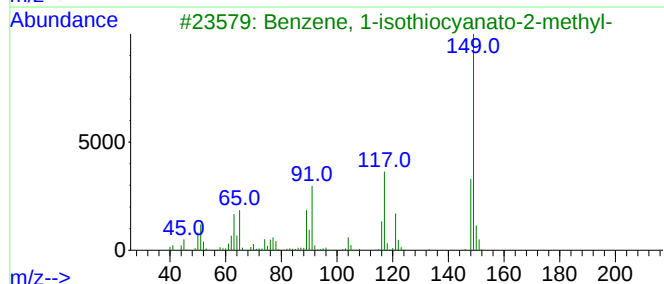
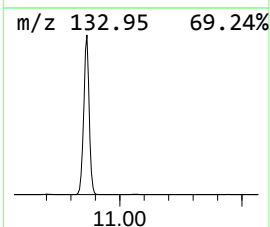
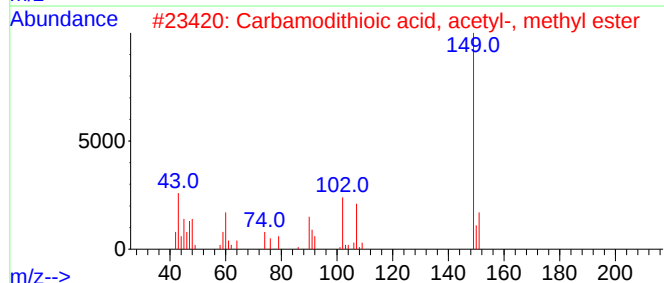
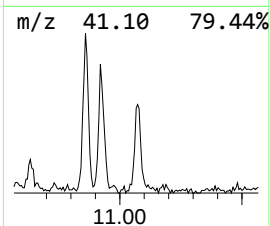
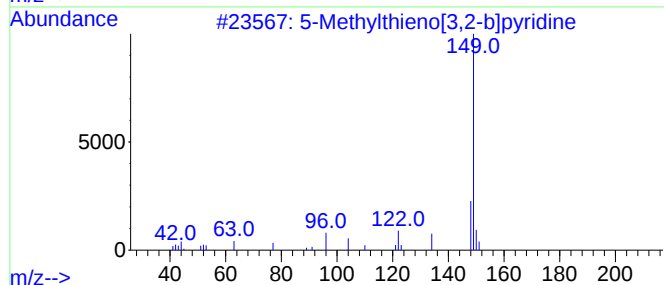
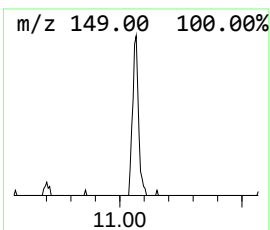
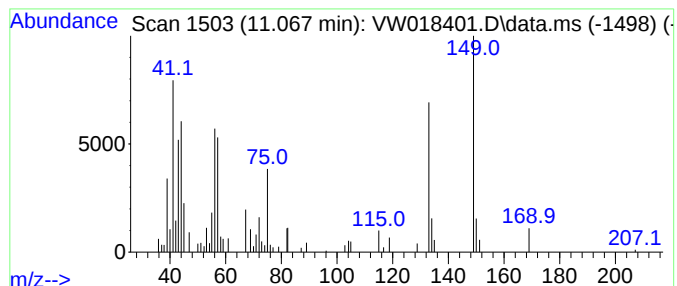
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Quant Title : VOC Analysis

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

Peak Number 9 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	4.51 ug/L	51614	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	22
2			Carbamodithioic acid, acetyl-, m...	149	C4H7NOS2	016696-88-1	14
3			Benzene, 1-isothiocyanato-2-methyl-	149	C8H7NS	000614-69-7	14
4			Hexanal	100	C6H12O	000066-25-1	14
5			4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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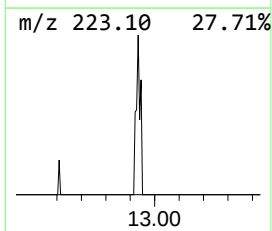
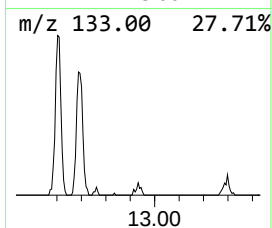
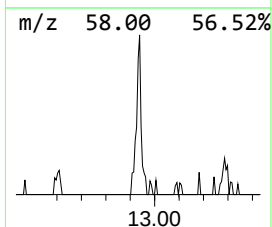
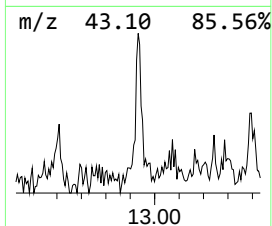
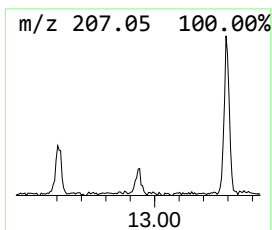
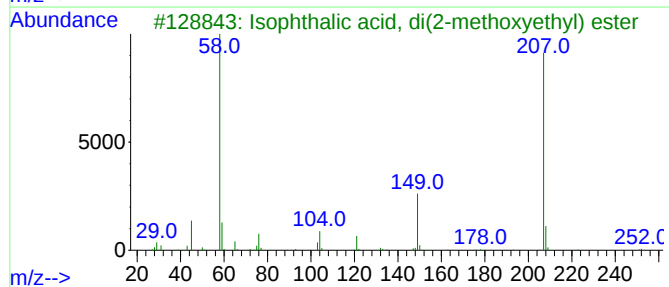
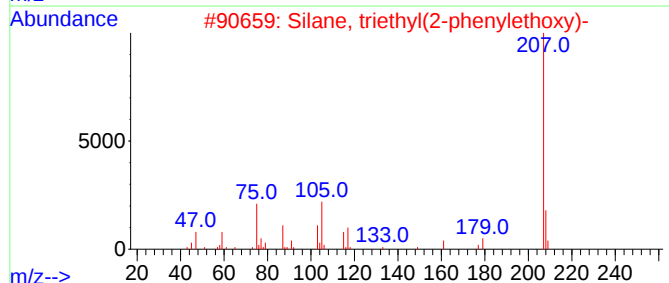
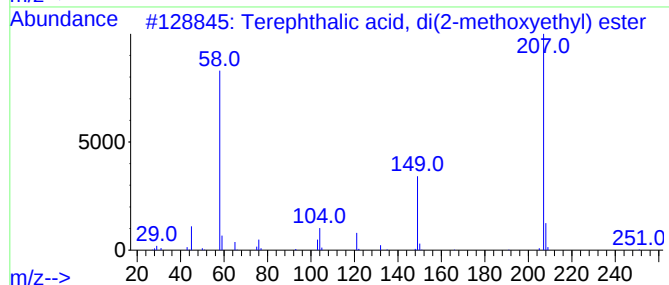
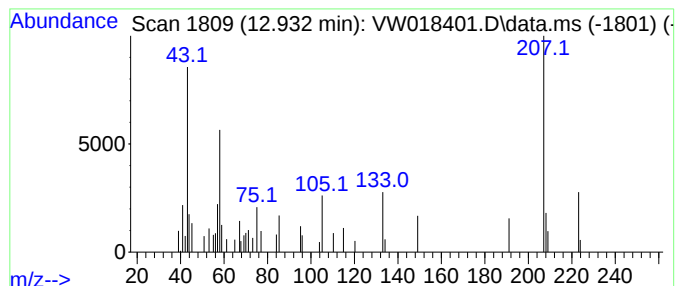
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Quant Title : VOC Analysis

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

Peak Number 12 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.932	4.42 ug/L	18041	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Terephthalic acid, di(2-methoxye...	282	C14H18O6	1000323-88-7	47
2			Silane, triethyl(2-phenylethoxy)-	236	C14H24OSi	014629-62-0	38
3			Isophthalic acid, di(2-methoxyet...	282	C14H18O6	1000345-86-7	38
4			2-Ethylacridine	207	C15H13N	055751-83-2	37
5			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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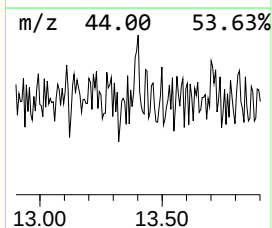
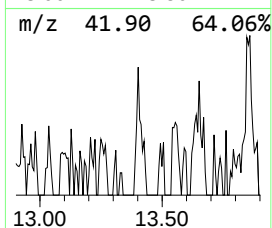
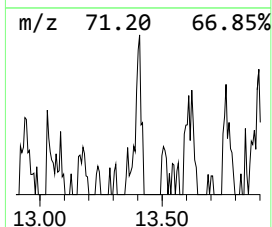
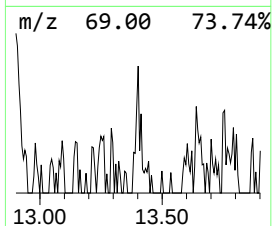
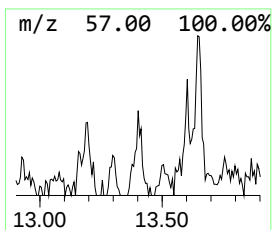
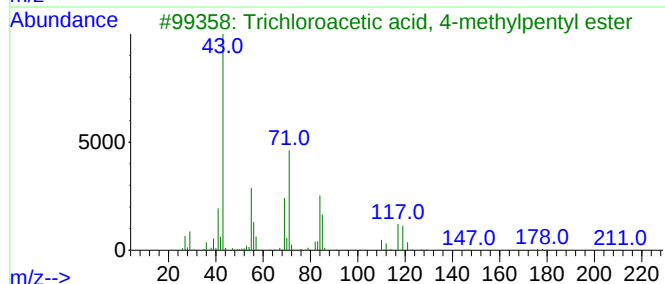
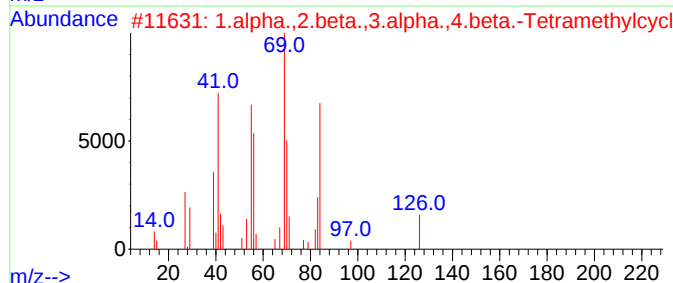
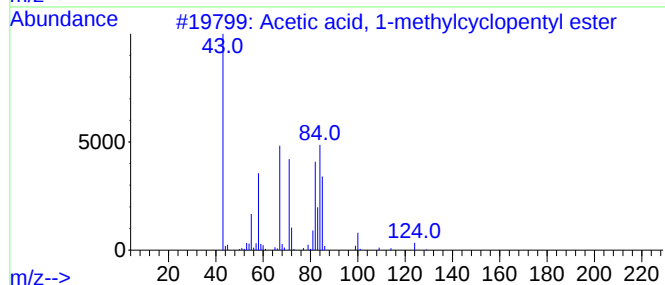
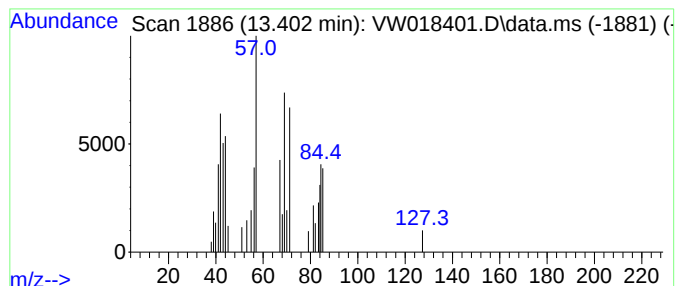
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Quant Title : VOC Analysis

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

Peak Number 14 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.402	2.33 ug/L	9509	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 1-methylcyclopentyl...	142	C8H14O2	026600-59-9	32
2			1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	32
3			Trichloroacetic acid, 4-methylpe...	246	C8H13Cl3O2	1000282-35-2	23
4			2-Acetylperidine	127	C7H13NO	097073-22-8	22
5			Octanal	128	C8H16O	000124-13-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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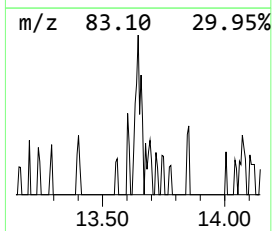
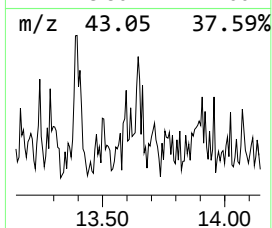
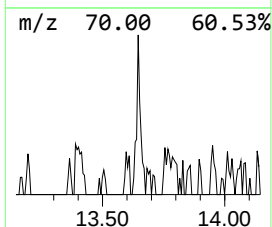
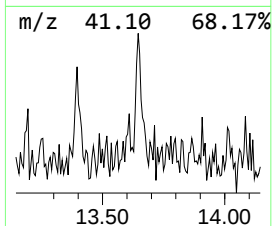
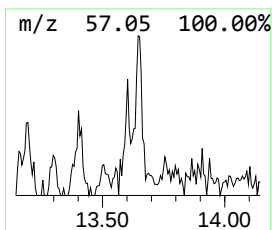
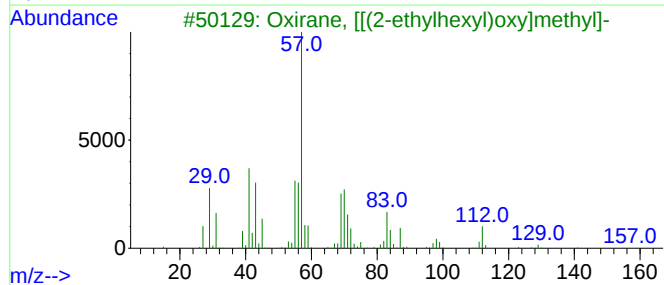
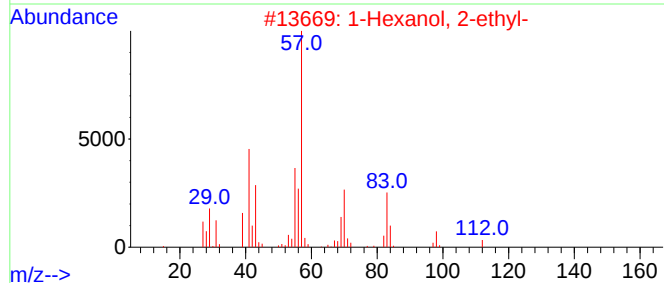
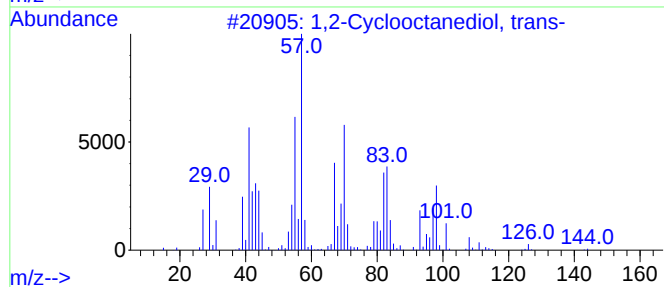
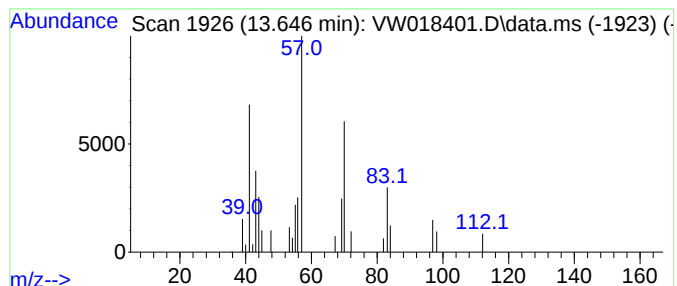
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Quant Title : VOC Analysis

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

Peak Number 15 1,2-Cyclooctanediol, trans- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.646	1.82 ug/L	7440	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Cyclooctanediol, trans-	144	C8H16O2	042565-22-0	53
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47
3			Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	43
4			Carbonic acid, butyl 2-ethylhexy...	230	C13H26O3	1000357-84-4	40
5			Bicyclo[3.1.0]hexan-2-ol	98	C6H10O	1000194-18-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4L1

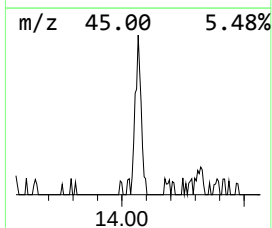
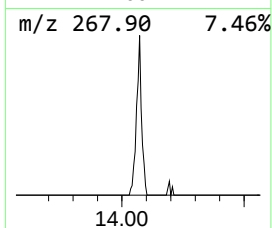
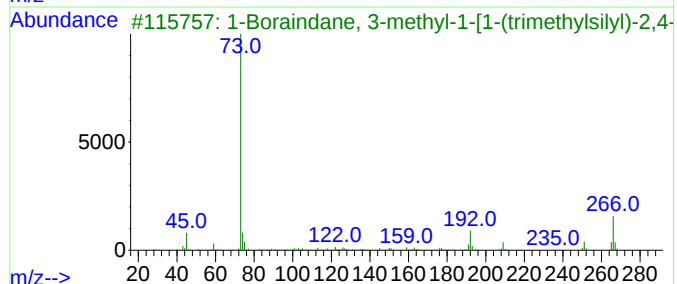
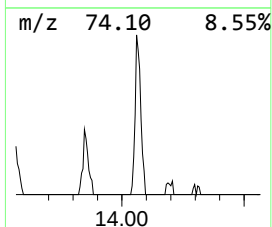
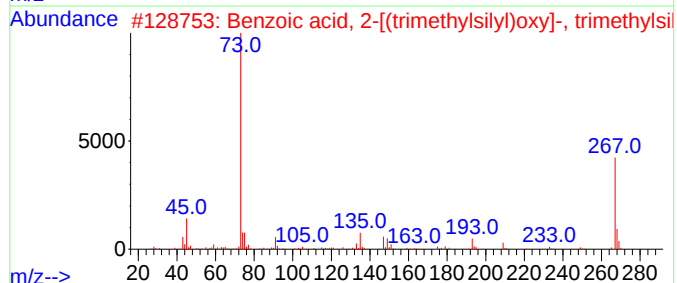
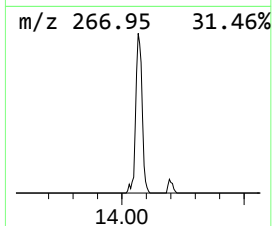
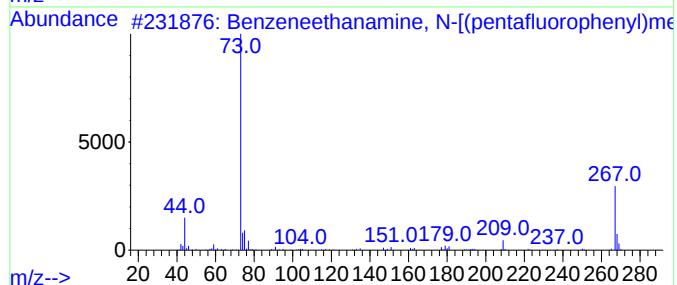
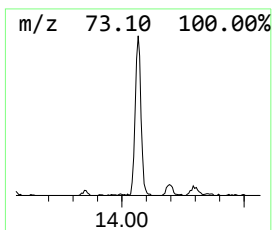
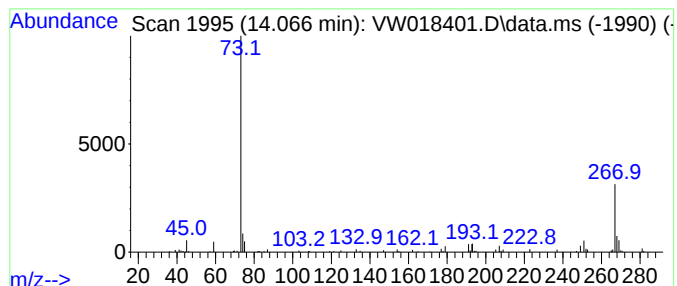
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Quant Title : VOC Analysis

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

Peak Number 16 Benzeneethanamine, N-[(pent... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	14.36 ug/L	58659	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	59
2			Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38
3			1-Boraindane, 3-methyl-1-[1-(tri...	266	C17H23BSi	190316-36-0	25
4			4-Methylcatechol, bis(trimethyls...	268	C13H24O2Si2	1000332-79-9	16
5			4-Oxatricyclo[5.2.1.0(2,6)]dec-8...	264	C14H20O3Si	1000162-14-6	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4L1

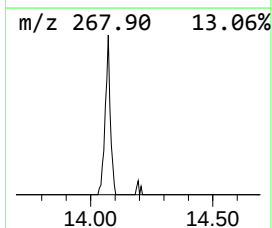
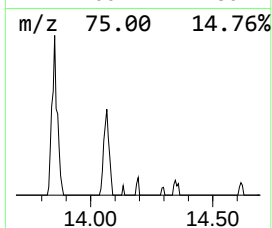
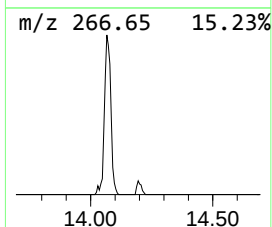
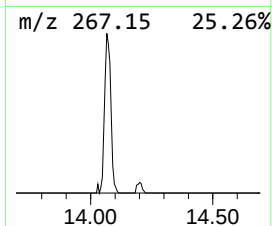
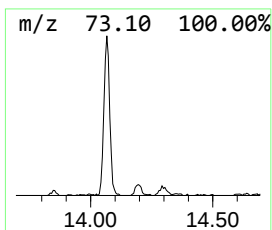
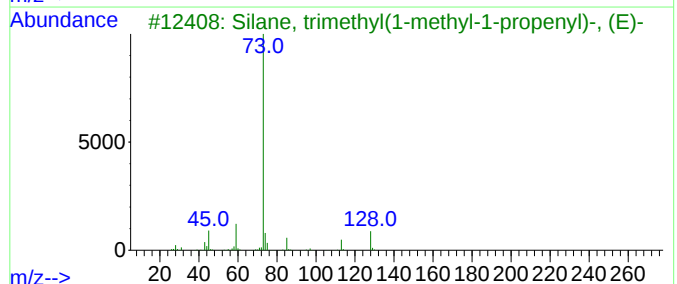
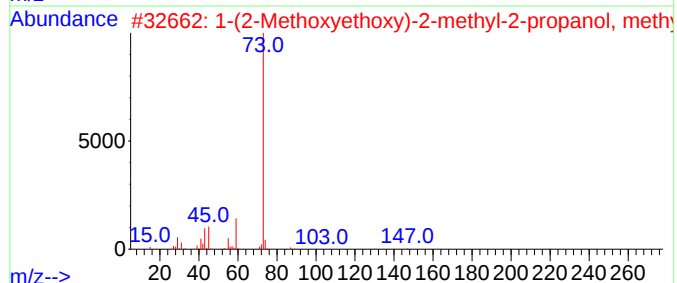
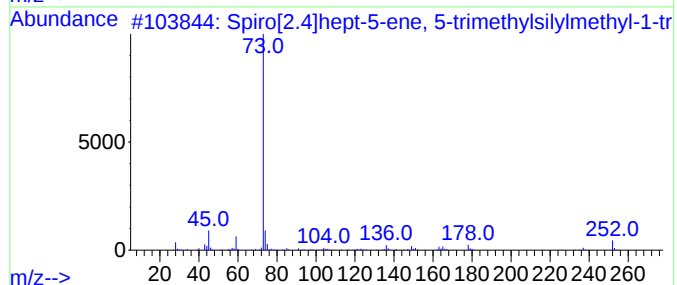
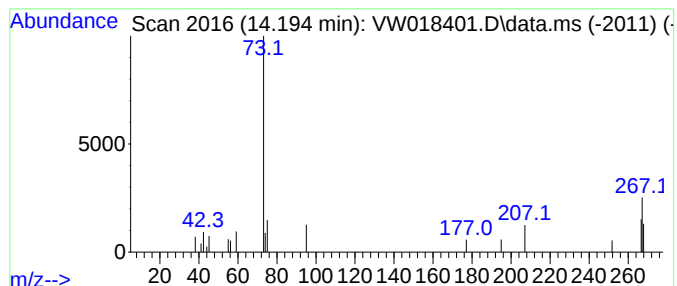
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Quant Title : VOC Analysis

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

Peak Number 17 unknown-05 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	1.26 ug/L	5165	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Spiro[2.4]hept-5-ene, 5-trimethy...	252	C14H28Si2	1000153-96-9	14
2			1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9
3			Silane, trimethyl(1-methyl-1-pro...	128	C7H16Si	010111-13-4	9
4			Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	9
5			1-Propene-1-thiol	74	C3H6S	000925-89-3	7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4L1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

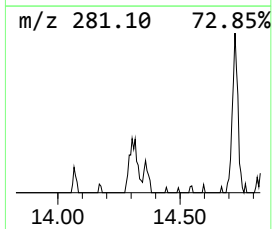
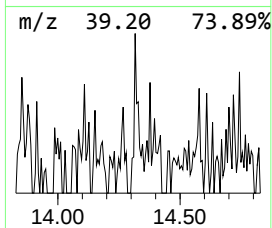
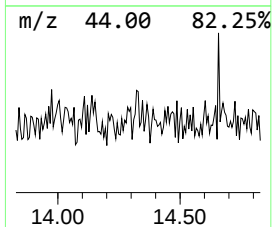
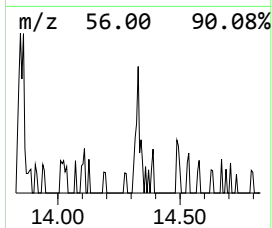
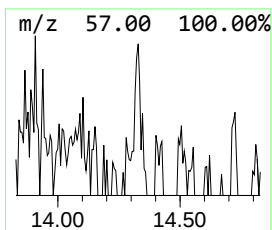
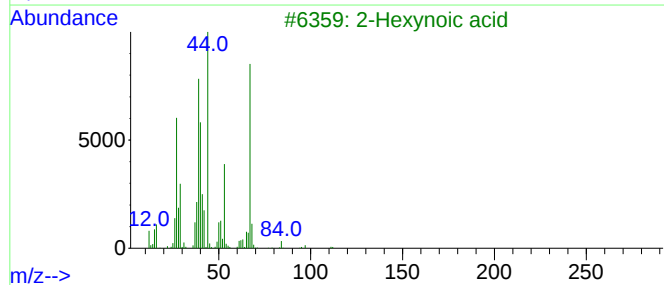
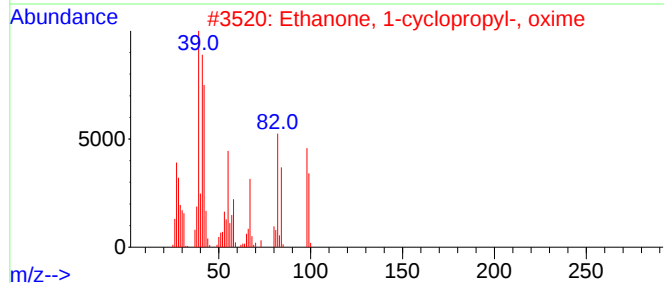
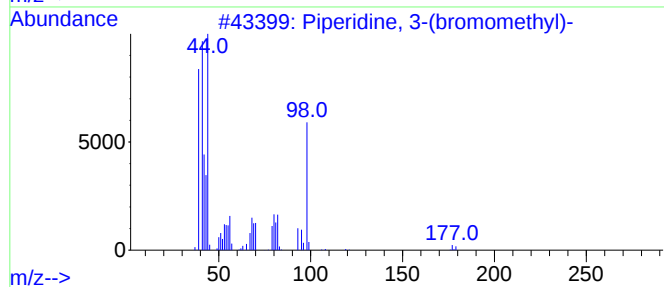
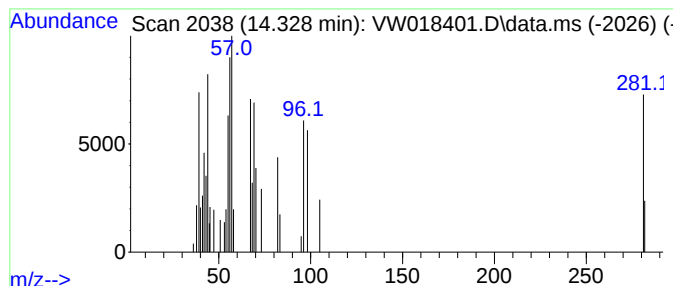
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TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown-06

Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.328	3.28 ug/L	13393	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Piperidine, 3-(bromomethyl)-	177	C6H12BrN	1000362-63-2	47
2			Ethanone, 1-cyclopropyl-, oxime	99	C5H9NO	051761-72-9	38
3			2-Hexynoic acid	112	C6H8O2	000764-33-0	38
4			2-Heptene, (E)-	98	C7H14	014686-13-6	25
5			4H-Cyclopenta[3,4]cyclobuta[1,2-...	150	C9H10O2	051519-77-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4L1

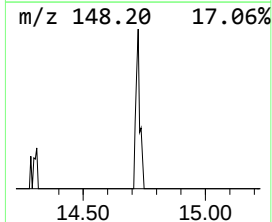
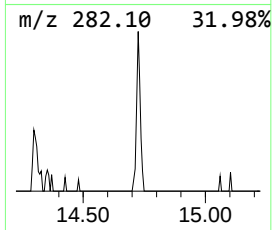
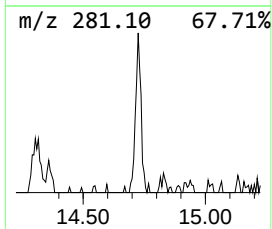
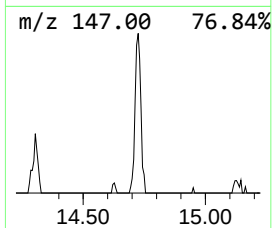
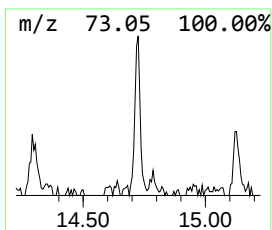
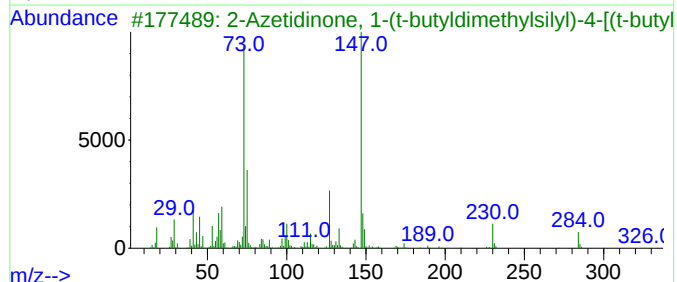
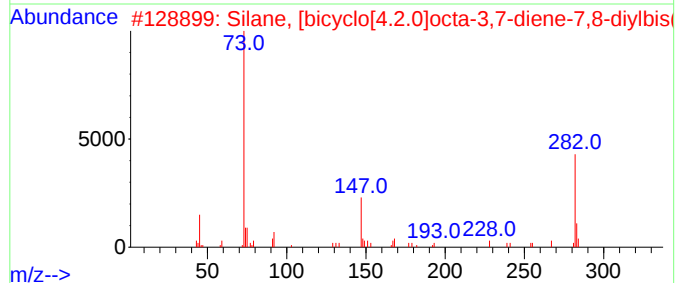
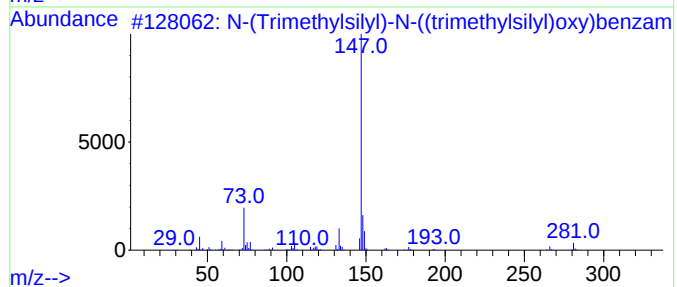
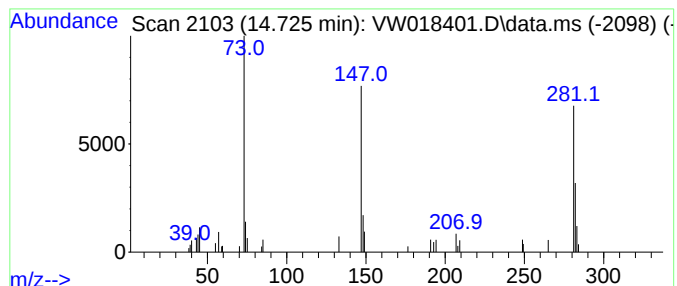
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Quant Title : VOC Analysis

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

Peak Number 19 N-(Trimethylsilyl)-N-((trim... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.725	3.70 ug/L	15118	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-(Trimethylsilyl)-N-((trimethyl...	281	C13H23NO2Si2	1000378-21-8	53
2			Silane, [bicyclo[4.2.0]octa-3,7-...	282	C14H26O2Si2	036461-33-3	50
3			2-Azetidinone, 1-(t-butylidimethy...	341	C17H35NO2Si2	210154-67-9	43
4			Propanedioic acid, bis(trimethyl...	248	C9H20O4Si2	018457-04-0	38
5			Ethanedioic acid, bis(trimethyls...	234	C8H18O4Si2	018294-04-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4L1

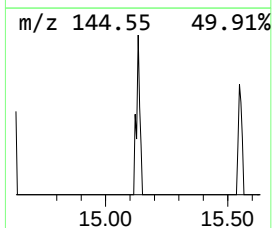
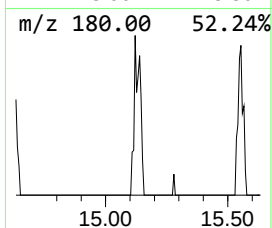
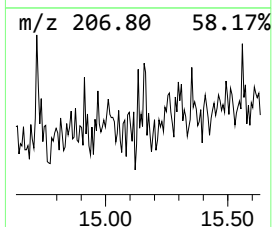
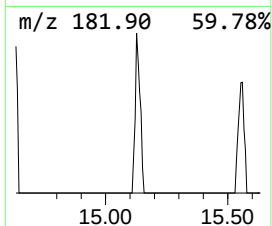
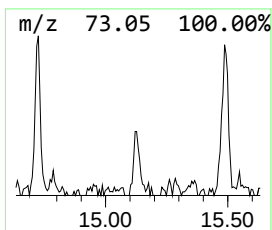
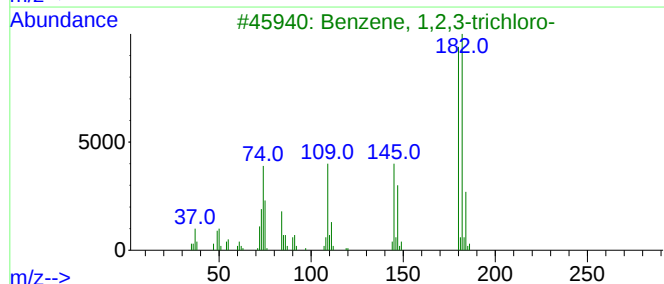
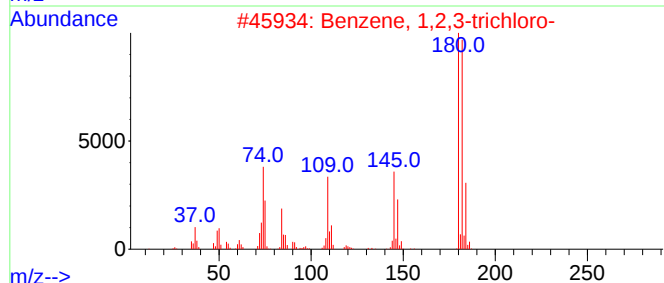
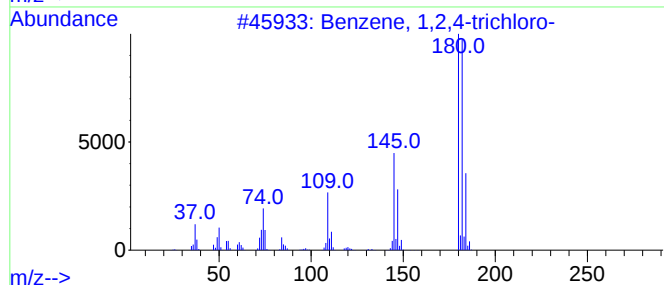
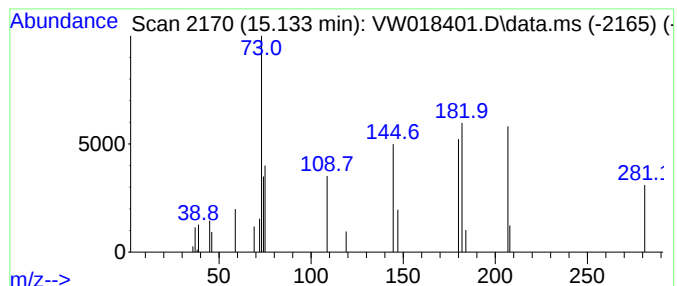
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Quant Title : VOC Analysis

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

Peak Number 20 unknown-07 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	1.42 ug/L	5782	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	32
2			Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	23
3			Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	12
4			Carbonic acid, monoamide, N-(2-e...	207	C12H17N02	1000340-19-1	10
5			Trimethylsilyl-di(timethylsiloxo...	280	C9H2802Si4	139347-50-5	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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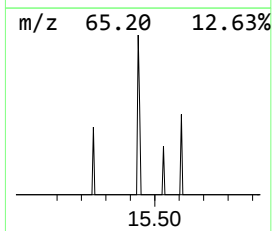
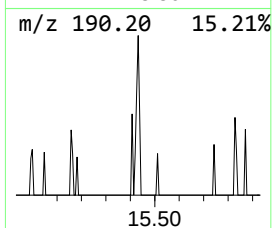
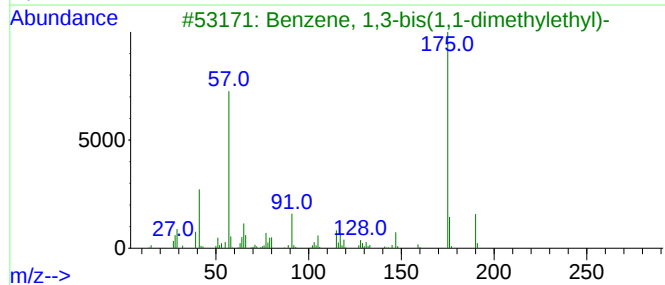
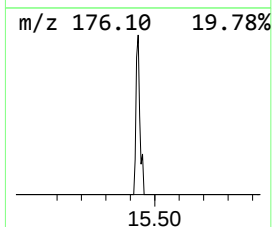
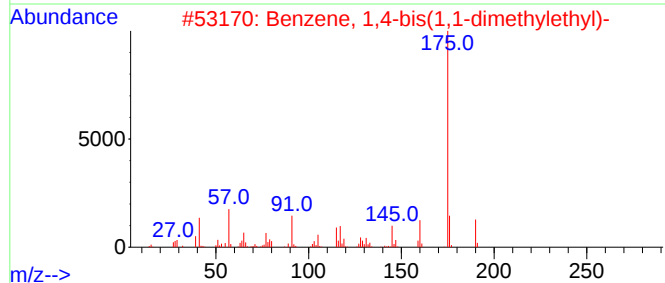
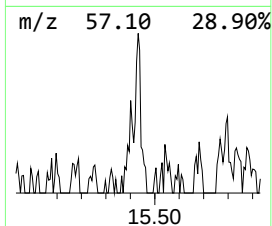
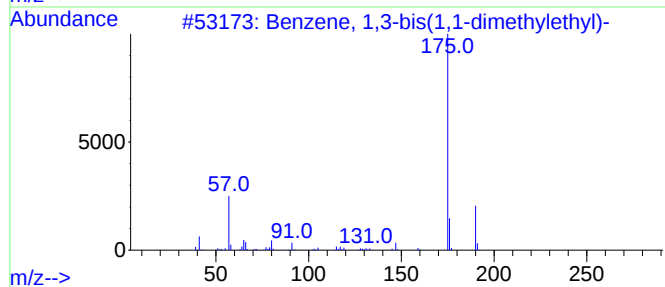
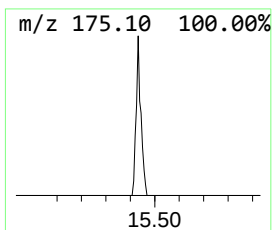
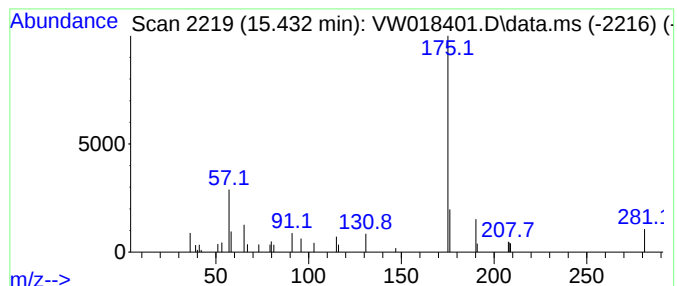
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	1.60 ug/L	6517	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	50
2			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	50
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	45
4			Benzamide, 4-pentyl-N-(4-methylp...	281	C19H23NO	300667-36-1	42
5			p-Pentylacetophenone	190	C13H18O	037593-02-5	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4L1

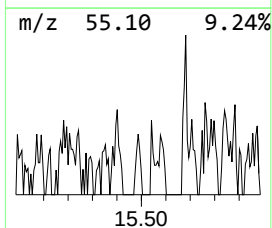
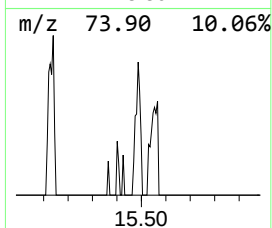
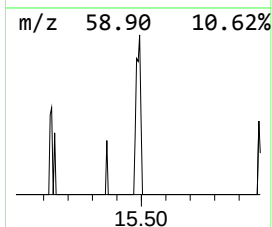
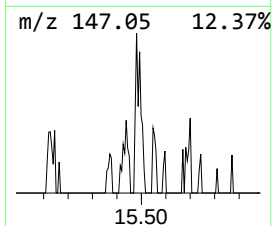
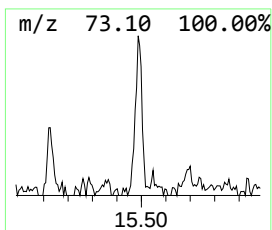
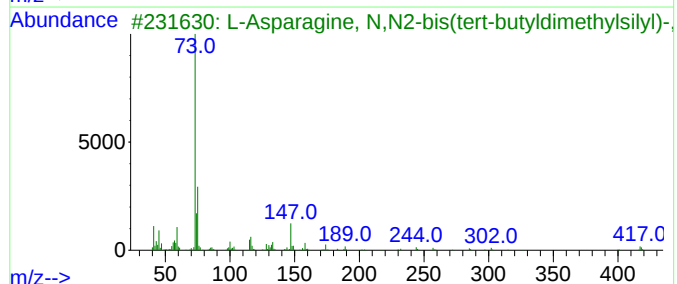
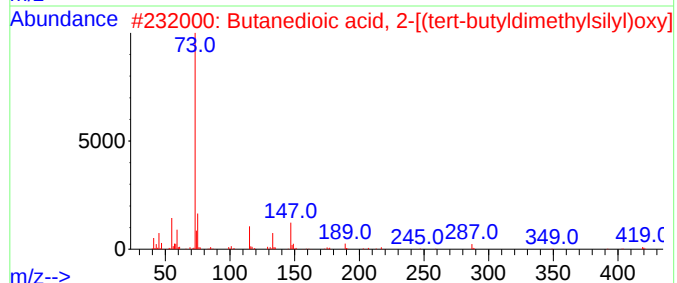
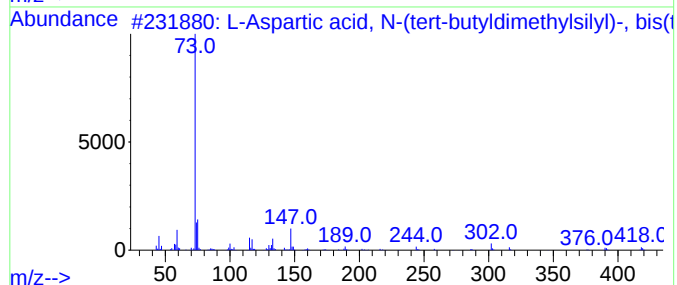
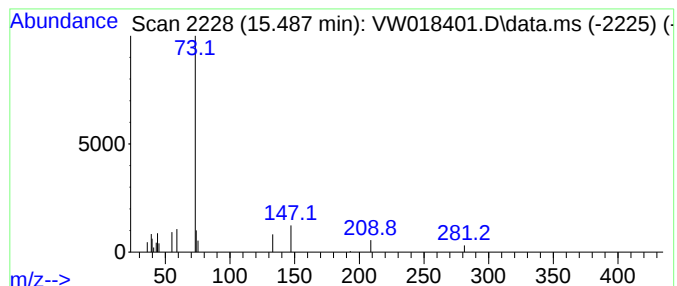
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 22 unknown-08 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.487	1.31 ug/L	5335	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			L-Aspartic acid, N-(tert-butyl-di...	475	C22H49NO4Si3	107715-96-8	36
2			Butanedioic acid, 2-[(tert-butyl...	476	C22H48O5Si3	099461-86-6	9
3			L-Asparagine, N,N2-bis(tert-butyl...	474	C22H50N2O3Si3	096381-41-8	9
4			1-Propene-1-thiol	74	C3H6S	000925-89-3	5
5			N-Ethylformamide	73	C3H7NO	000627-45-2	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
Sample : M1698-13
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4L1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.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
unknown-01	1.989	4.7	ug/L	91495	1	8.842	484010	25.0
Acetaldehyde	2.495	4.0	ug/L	77455	1	8.842	484010	25.0
Propanal, 2-met...	5.787	5.6	ug/L	108878	1	8.842	484010	25.0
Butanal, 3-methyl-	8.549	3.2	ug/L	62237	1	8.842	484010	25.0
Butanal, 2-methyl-	8.714	2.9	ug/L	55156	1	8.842	484010	25.0
Pentanal	9.409	1.6	ug/L	30789	1	8.842	484010	25.0
unknown-02	11.067	4.5	ug/L	51614	2	11.634	285968	25.0
unknown-03	12.932	4.4	ug/L	18041	3	13.560	102100	25.0
unknown-04	13.402	2.3	ug/L	9509	3	13.560	102100	25.0
1,2-Cyclooctane...	13.646	1.8	ug/L	7440	3	13.560	102100	25.0
Benzeneethanami...	14.066	14.4	ug/L	58659	3	13.560	102100	25.0
unknown-05	14.194	1.3	ug/L	5165	3	13.560	102100	25.0
unknown-06	14.328	3.3	ug/L	13393	3	13.560	102100	25.0
N-(Trimethylsil...	14.725	3.7	ug/L	15118	3	13.560	102100	25.0
unknown-07	15.133	1.4	ug/L	5782	3	13.560	102100	25.0
Benzene, 1,3-bi...	15.432	1.6	ug/L	6517	3	13.560	102100	25.0
unknown-08	15.487	1.3	ug/L	5335	3	13.560	102100	25.0