

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017931.D
 Acq On : 18 Jan 2021 16:19
 Operator : SY/VA
 Sample : M1099-21
 Misc : 8.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C17

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\SOM2WLM011821S.M

Title : VOC Analysis

Signal : TIC: VW017931.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.953	6	8	19	rVB4	12853	25962	1.12%	0.114%
2	2.318	61	68	70	rBV	54610	84351	3.64%	0.370%
3	2.355	70	74	84	rVV	146384	266141	11.48%	1.166%
4	2.452	86	90	95	rVV3	8232	13220	0.57%	0.058%
5	2.568	106	109	117	rVB4	6370	11766	0.51%	0.052%
6	2.891	154	162	175	rVB	103285	236994	10.22%	1.038%
7	4.019	334	347	359	rBV2	178028	552867	23.84%	2.422%
8	4.129	359	365	376	rVB2	26150	71639	3.09%	0.314%
9	4.391	400	408	417	rBV2	7966	22108	0.95%	0.097%
10	4.928	483	496	513	rBV8	11182	55235	2.38%	0.242%
11	5.184	528	538	548	rVB4	5041	16551	0.71%	0.073%
12	5.946	656	663	670	rVB7	4029	11565	0.50%	0.051%
13	7.080	839	849	857	rBV	41249	113208	4.88%	0.496%
14	7.177	859	865	874	rVV4	18581	56234	2.43%	0.246%
15	7.647	931	942	958	rBV	257994	634868	27.38%	2.781%
16	7.951	979	992	998	rBV9	4120	15491	0.67%	0.068%
17	8.275	1032	1045	1064	rBV2	492978	1533199	66.13%	6.717%
18	8.695	1106	1114	1122	rBV7	5512	13186	0.57%	0.058%
19	8.841	1130	1138	1150	rBV	463298	906645	39.10%	3.972%
20	9.091	1169	1179	1193	rBV3	56680	136802	5.90%	0.599%
21	9.274	1200	1209	1216	rBV	335312	687541	29.65%	3.012%
22	9.530	1245	1251	1256	rBV4	13338	28148	1.21%	0.123%
23	9.756	1281	1288	1294	rBV6	8417	18355	0.79%	0.080%
24	9.896	1303	1311	1316	rBV2	31635	61317	2.64%	0.269%
25	9.957	1316	1321	1324	rBV3	10726	18382	0.79%	0.081%
26	10.036	1328	1334	1341	rVV	169380	298229	12.86%	1.307%
27	10.097	1341	1344	1347	rVB2	10190	11645	0.50%	0.051%
28	10.146	1348	1352	1358	rVB2	17413	33650	1.45%	0.147%
29	10.250	1358	1369	1374	rBV2	39839	76937	3.32%	0.337%
30	10.323	1374	1381	1388	rBV	691130	1213177	52.32%	5.315%
31	10.384	1388	1391	1398	rVB	19011	35082	1.51%	0.154%
32	10.506	1406	1411	1417	rVB3	19391	35669	1.54%	0.156%
33	10.579	1417	1423	1432	rVB	109424	197769	8.53%	0.866%
34	10.670	1432	1438	1446	rBV8	7814	15762	0.68%	0.069%
35	10.762	1446	1453	1457	rBV7	7247	16119	0.70%	0.071%
36	10.859	1457	1469	1475	rBV5	257010	563192	24.29%	2.467%

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Integration Parameters: LSCINT.P

Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

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

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Title : VOC Analysis

37	10.927	1475	1480	1486	rBV	142790	253216	10.92%	1.109%
38	11.030	1494	1497	1501	rVB4	10677	13902	0.60%	0.061%
39	11.109	1506	1510	1515	rBV3	35814	64165	2.77%	0.281%
40	11.189	1518	1523	1524	rBV3	17592	25483	1.10%	0.112%
41	11.219	1524	1528	1533	rVV3	33752	60263	2.60%	0.264%
42	11.274	1533	1537	1545	rVB2	56473	120325	5.19%	0.527%
43	11.341	1545	1548	1551	rBV4	14232	20606	0.89%	0.090%
44	11.408	1551	1559	1564	rVB3	87771	182774	7.88%	0.801%
45	11.463	1564	1568	1572	rVB2	33528	58461	2.52%	0.256%
46	11.518	1572	1577	1584	rBV2	27929	57255	2.47%	0.251%
47	11.652	1589	1599	1606	rBV2	826682	2318592	100.00%	10.158%
48	11.835	1622	1629	1633	rBV4	32230	73458	3.17%	0.322%
49	11.878	1633	1636	1640	rVV3	29547	47632	2.05%	0.209%
50	11.920	1640	1643	1647	rVB3	16399	25137	1.08%	0.110%
51	11.975	1647	1652	1655	rBV4	17598	32090	1.38%	0.141%
52	12.018	1655	1659	1664	rVB3	15252	24813	1.07%	0.109%
53	12.115	1670	1675	1676	rBV2	16946	24574	1.06%	0.108%
54	12.170	1680	1684	1688	rVB3	31726	48508	2.09%	0.213%
55	12.256	1694	1698	1701	rBV3	10230	15003	0.65%	0.066%
56	12.335	1705	1711	1713	rBV6	20604	43972	1.90%	0.193%
57	12.371	1713	1717	1723	rVB5	28892	61566	2.66%	0.270%
58	12.463	1726	1732	1738	rBV	135856	245278	10.58%	1.075%
59	12.603	1751	1755	1759	rVB4	14208	21534	0.93%	0.094%
60	12.652	1759	1763	1764	rBV3	14303	15981	0.69%	0.070%
61	12.694	1764	1770	1776	rVB	245819	421566	18.18%	1.847%
62	12.780	1781	1784	1791	rVB8	12055	24317	1.05%	0.107%
63	12.865	1793	1798	1802	rBV4	26339	41064	1.77%	0.180%
64	12.938	1802	1810	1816	rBV8	35858	110932	4.78%	0.486%
65	13.060	1825	1830	1836	rBV2	24075	55383	2.39%	0.243%
66	13.127	1836	1841	1844	rVV3	59699	100846	4.35%	0.442%
67	13.170	1844	1848	1859	rVV4	65822	219732	9.48%	0.963%
68	13.261	1859	1863	1866	rVV4	42633	76968	3.32%	0.337%
69	13.298	1866	1869	1874	rVB5	32594	49207	2.12%	0.216%
70	13.377	1879	1882	1883	rBV	17105	17487	0.75%	0.077%
71	13.408	1884	1887	1890	rVV3	20390	27071	1.17%	0.119%
72	13.493	1890	1901	1907	rVV5	174767	533962	23.03%	2.339%
73	13.560	1907	1912	1927	rVB3	482914	1317352	56.82%	5.772%
74	13.694	1932	1934	1938	rVB3	12153	11351	0.49%	0.050%
75	13.767	1938	1946	1950	rBV3	182131	349294	15.06%	1.530%
76	13.810	1950	1953	1954	rVV	128067	162174	6.99%	0.711%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: OFF

Filtering: 5

Sampling : 1

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Peak Location: TOP

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Title : VOC Analysis

77	13.853	1955	1960	1964	rVV	438292	921701	39.75%	4.038%
78	13.908	1964	1969	1976	rVV	517456	970130	41.84%	4.250%
79	13.975	1976	1980	1982	rVV	108094	161485	6.96%	0.708%
80	14.005	1982	1985	1990	rVV3	151688	253917	10.95%	1.112%
81	14.066	1992	1995	1999	rVV	58077	85029	3.67%	0.373%
82	14.121	1999	2004	2007	rVV3	246609	410300	17.70%	1.798%
83	14.158	2007	2010	2014	rVV	285964	440060	18.98%	1.928%
84	14.225	2018	2021	2026	rVB	109319	152878	6.59%	0.670%
85	14.341	2031	2040	2044	rVV2	289884	691264	29.81%	3.029%
86	14.395	2044	2049	2052	rVV3	209670	435093	18.77%	1.906%
87	14.432	2052	2055	2062	rVV3	232508	497889	21.47%	2.181%
88	14.493	2063	2065	2069	rVB5	36426	42449	1.83%	0.186%
89	14.645	2083	2090	2095	rBV3	262194	480884	20.74%	2.107%
90	14.725	2098	2103	2108	rBV3	98892	185220	7.99%	0.811%
91	14.779	2109	2112	2115	rVV3	30251	51355	2.21%	0.225%
92	14.834	2119	2121	2131	rVB3	74335	153909	6.64%	0.674%
93	14.968	2139	2143	2146	rBV3	62079	97003	4.18%	0.425%
94	15.322	2197	2201	2208	rBV2	47284	90368	3.90%	0.396%
95	15.468	2221	2225	2231	rBV4	37986	66866	2.88%	0.293%
96	15.560	2235	2240	2245	rBV3	80099	155081	6.69%	0.679%
97	15.621	2245	2250	2256	rBV2	164462	330978	14.27%	1.450%
98	15.926	2296	2300	2309	rBV5	51714	107170	4.62%	0.470%
99	16.413	2375	2380	2390	rVB3	174964	453897	19.58%	1.989%
100	16.554	2399	2403	2409	rVB4	69016	127483	5.50%	0.559%

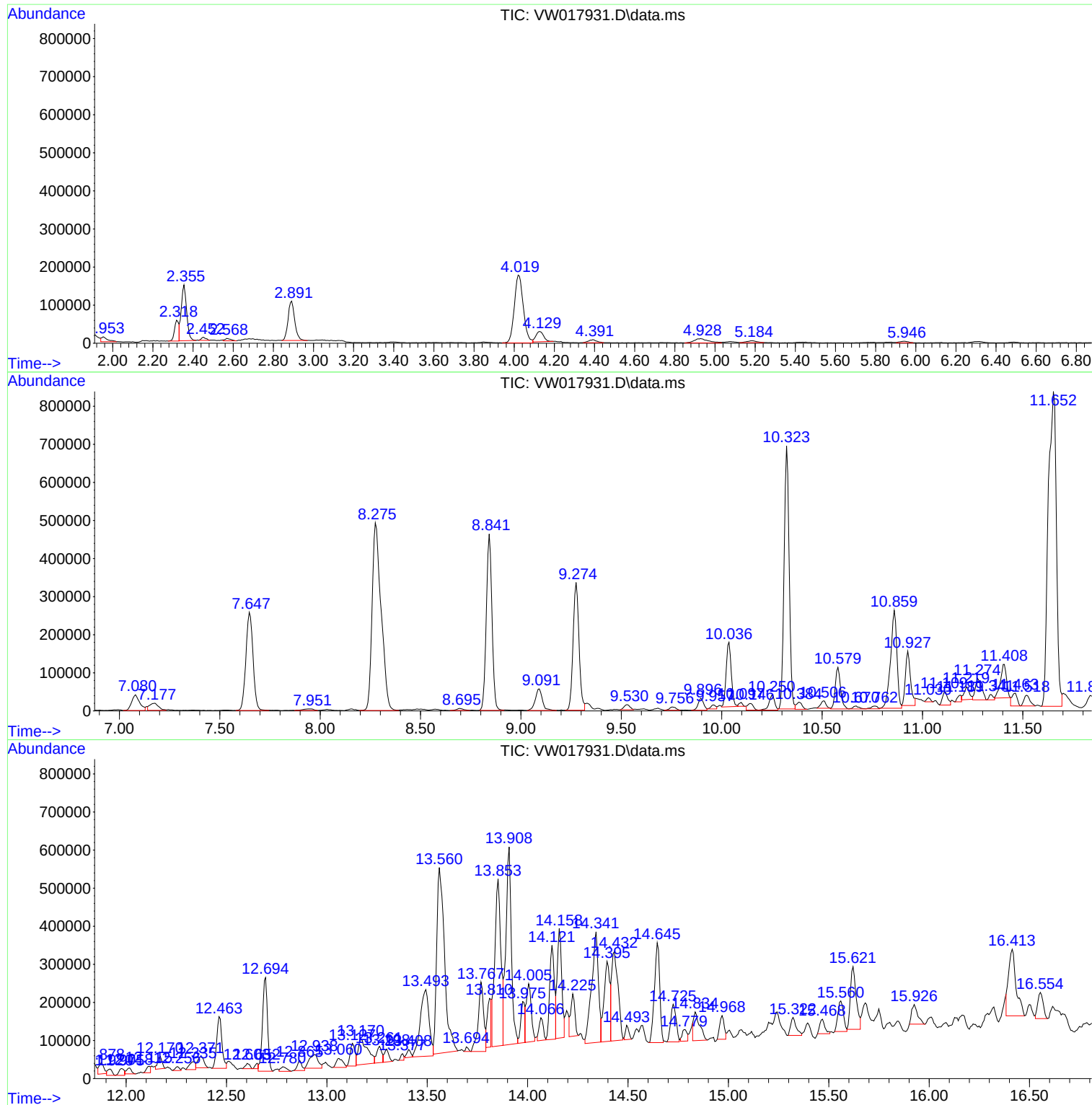
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
F1C17

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
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Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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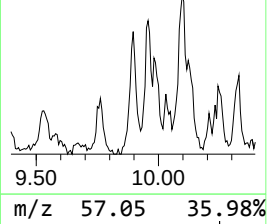
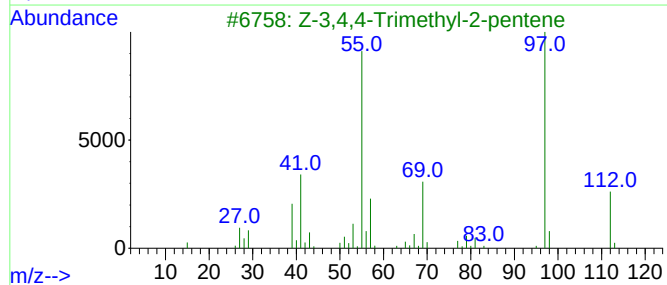
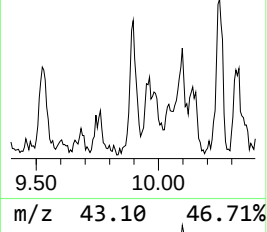
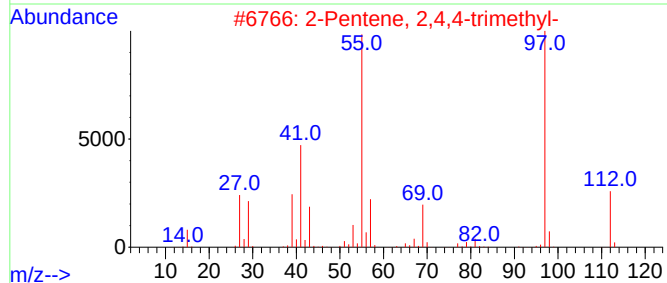
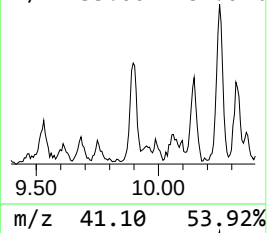
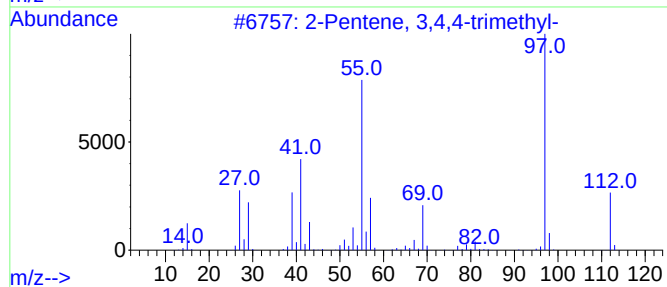
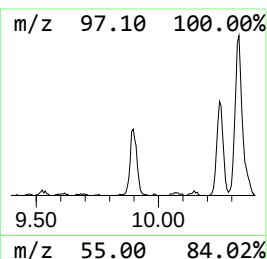
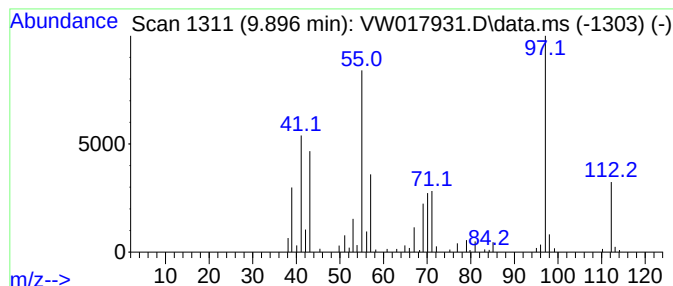
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	1.69 ug/L	61317	1,4-Difluorobenzene	8.841

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	76
2		2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	70
3		Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	70
4		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	64
5		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	60



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ALS Vial : 18 Sample Multiplier: 1

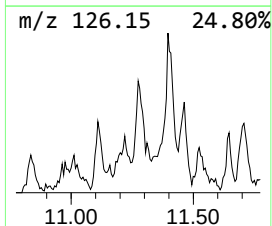
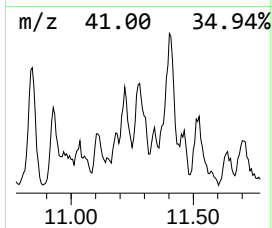
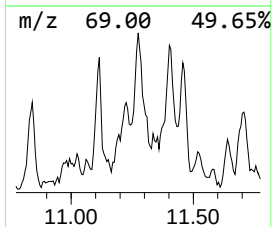
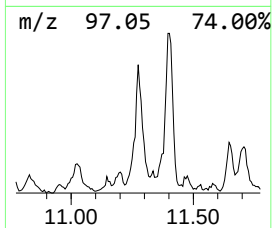
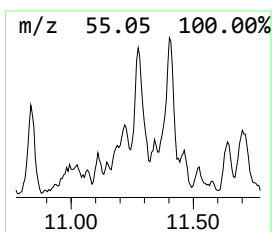
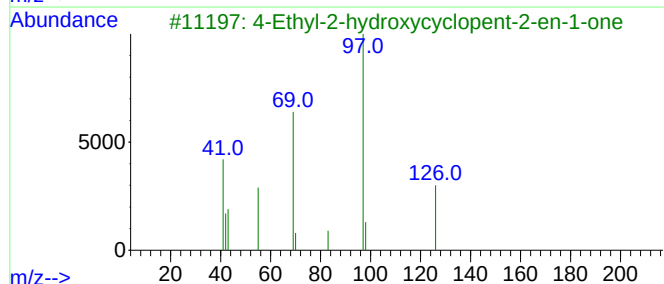
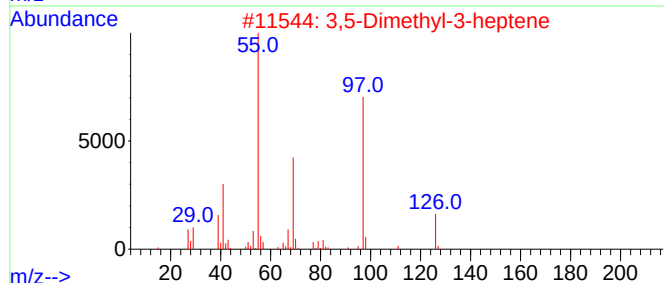
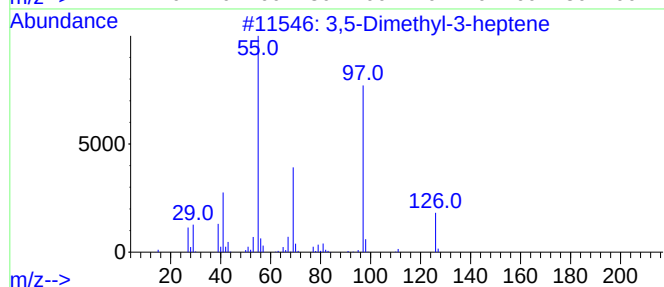
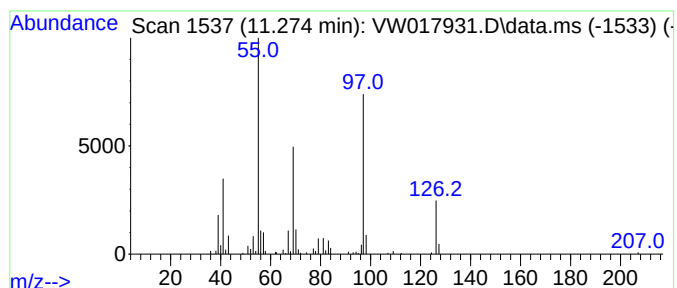
Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.274	1.30 ug/L	120325	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	87
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72
3	4-Ethyl-2-hydroxycyclopent-2-en-...	126	C7H10O2	028017-62-1	64
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64



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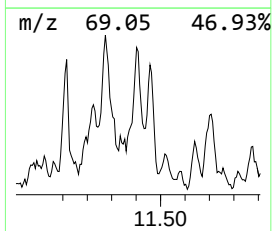
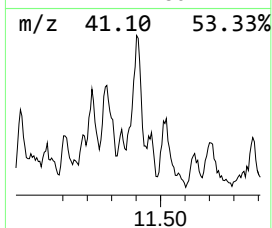
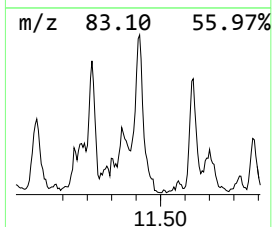
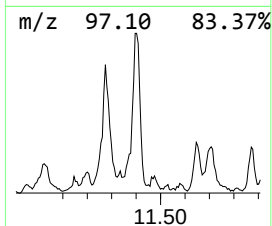
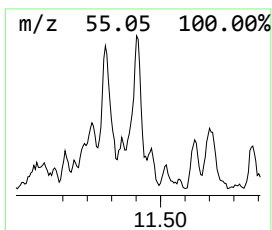
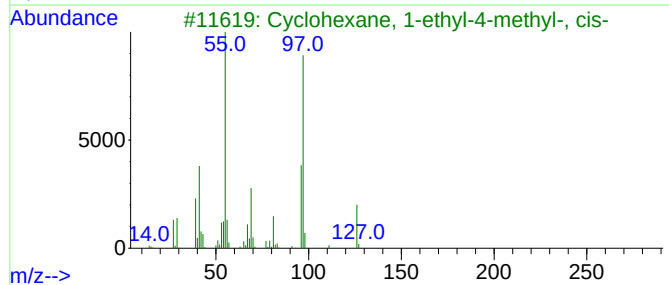
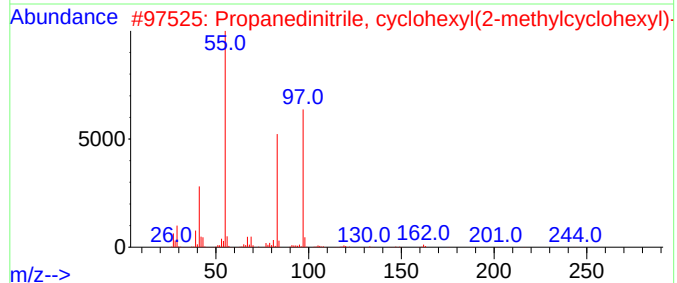
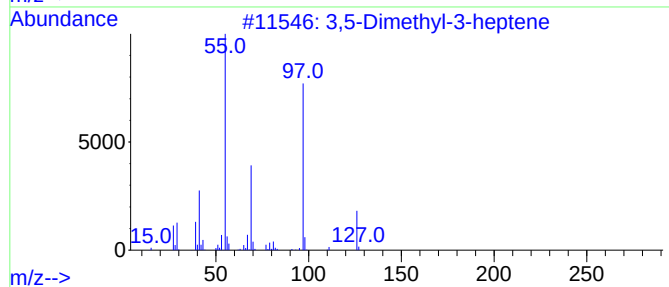
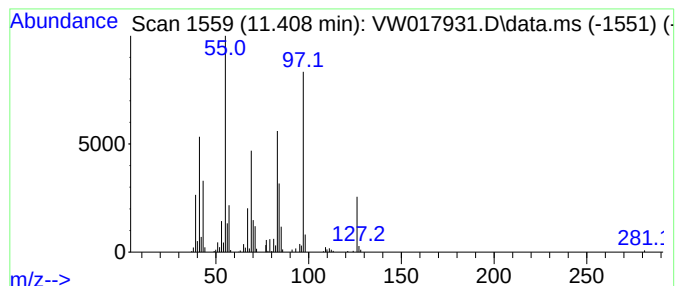
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.408	1.97 ug/L	182774	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	55
2	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	50
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	49
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	49
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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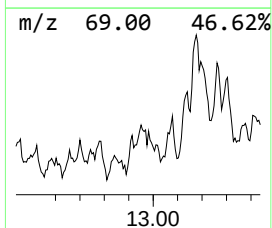
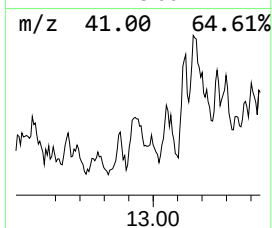
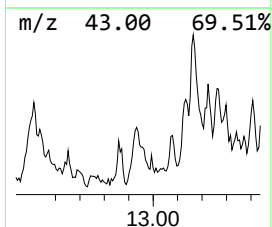
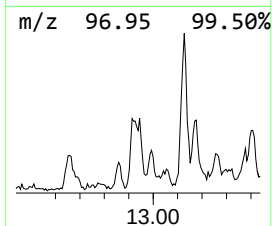
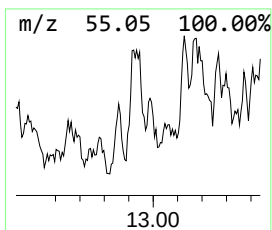
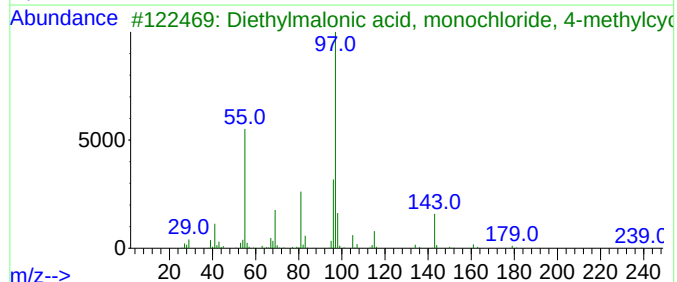
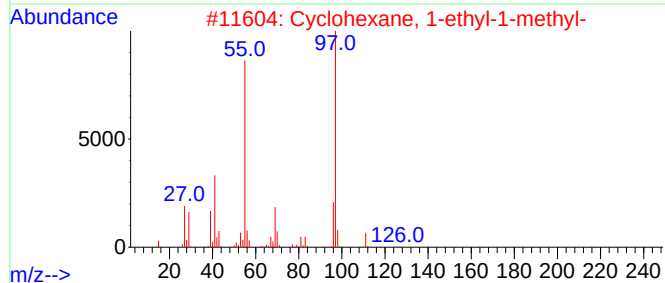
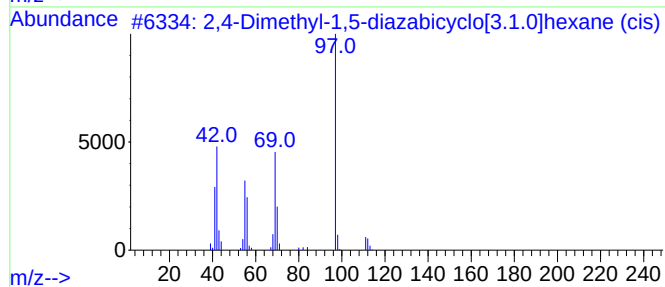
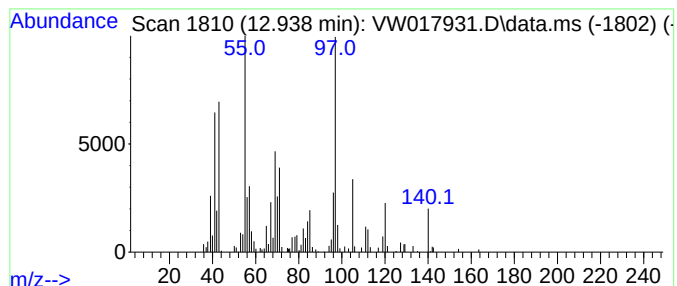
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Quant Title : VOC Analysis

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

Peak Number 5 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.938	2.11 ug/L	110932	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethyl-1,5-diazabicyclo[3.1.0]hexane (cis)	112	C6H12N2	100463-01-2	38
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	35
3			Diethylmalonic acid, monochloride, 4-methylcyclohexyl ester	274	C14H23ClO3	1000371-17-9	35
4			Cyclohexane, 1-methyl-4-(1-methyl-2-propenyl)-	140	C10H20	006069-98-3	30
5			1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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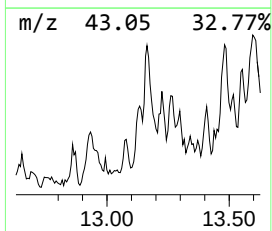
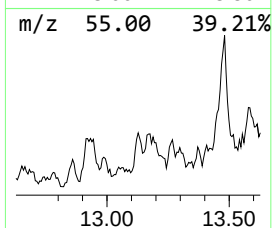
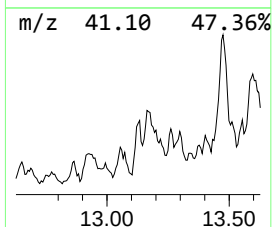
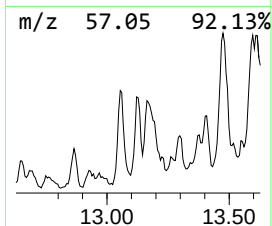
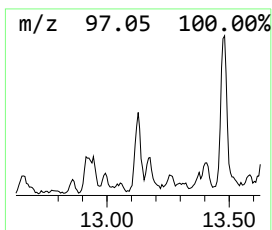
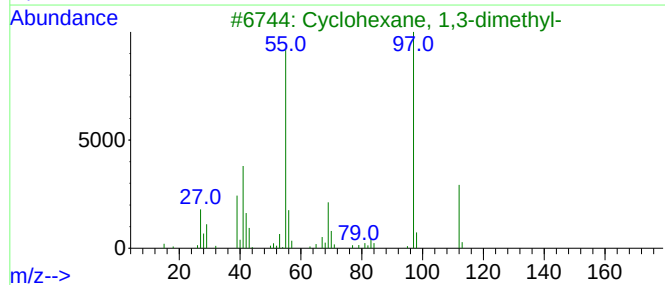
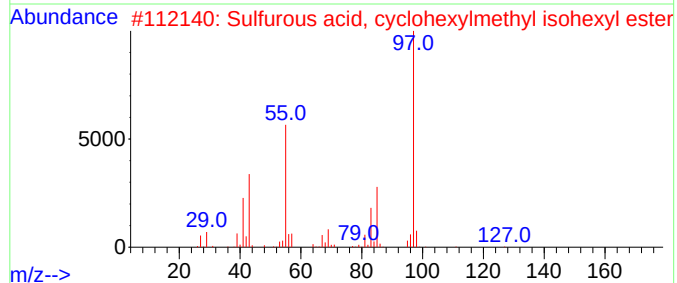
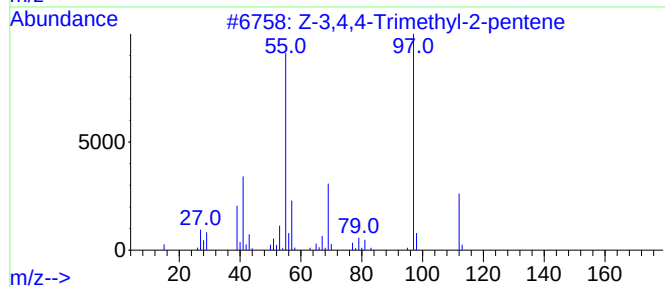
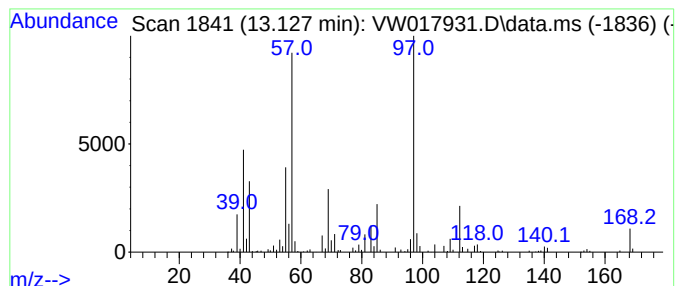
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	1.91 ug/L	100846	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	50
2			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	50
3			Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	49
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	49
5			Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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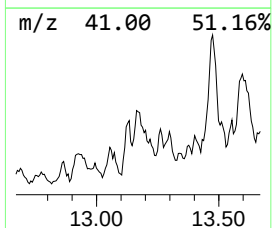
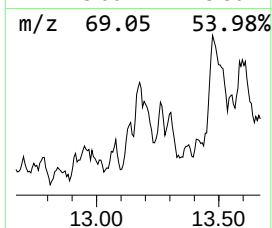
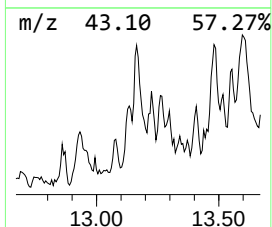
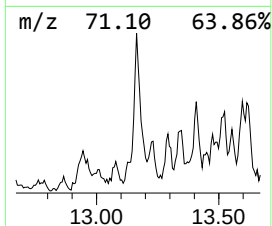
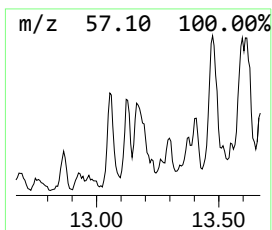
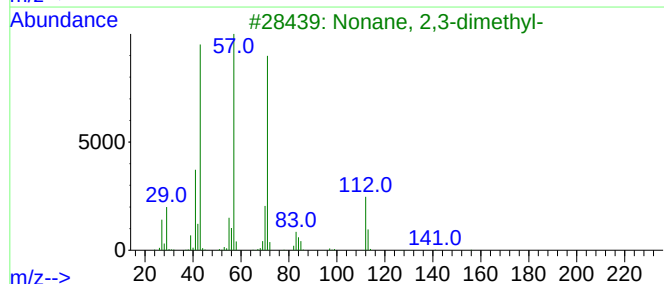
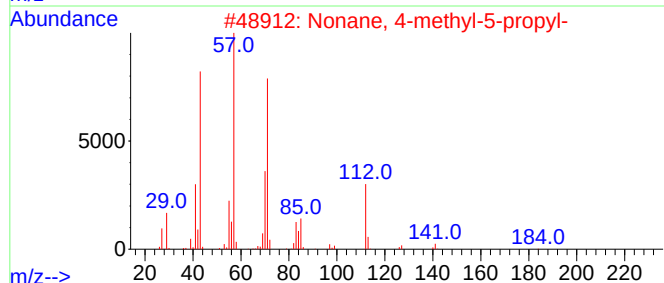
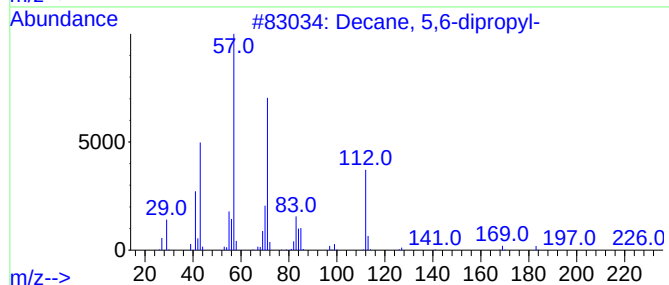
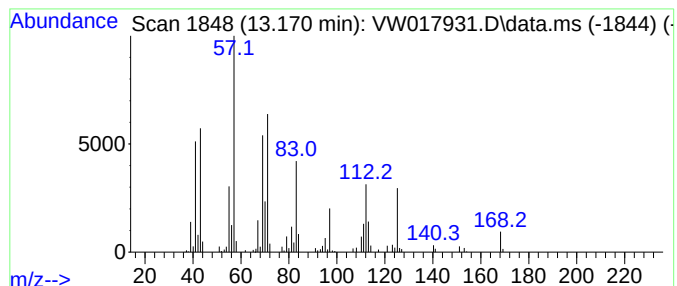
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	4.17 ug/L	219732	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	38
2			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	35
3			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	35
4			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	35
5			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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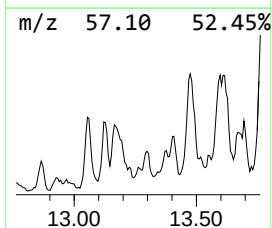
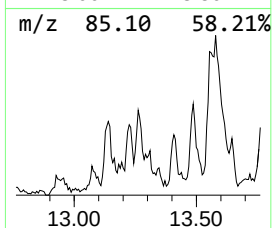
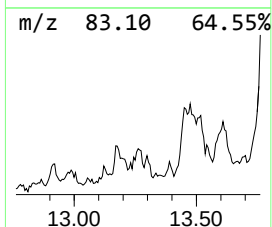
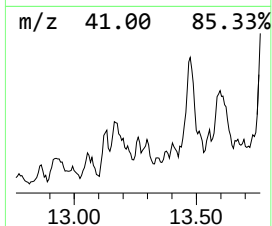
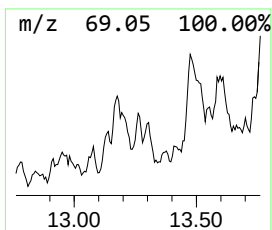
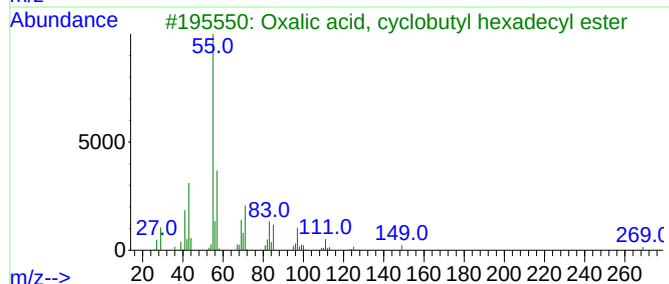
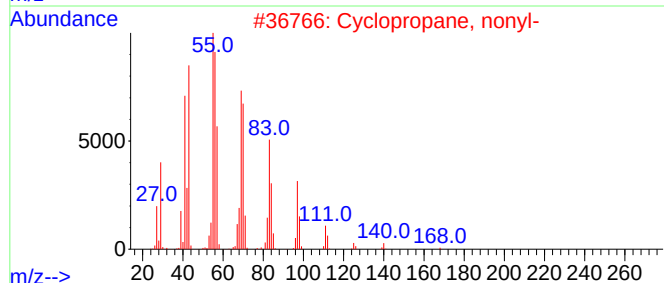
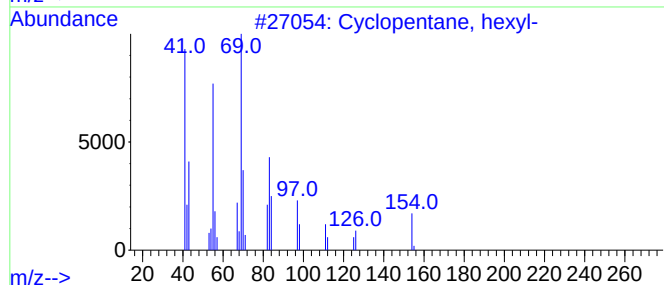
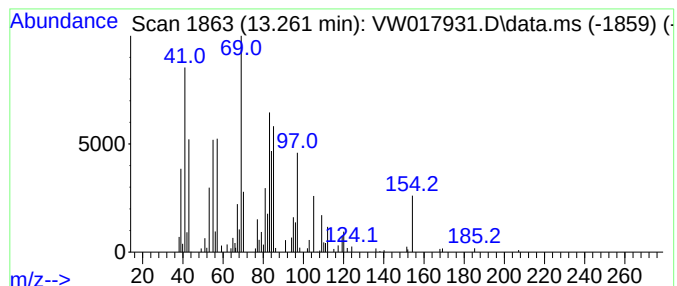
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic13.262 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	1.46 ug/L	76968	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, hexyl-	154	C11H22	004457-00-5	68
2			Cyclopropane, nonyl-	168	C12H24	074663-85-7	52
3			Oxalic acid, cyclobutyl hexadecyl...	368	C22H40O4	1000309-70-6	35
4			Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	30
5			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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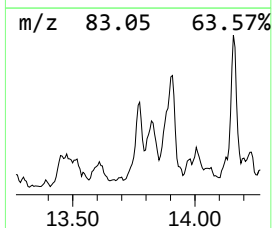
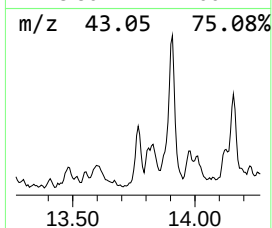
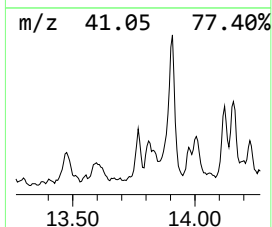
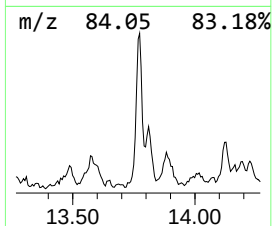
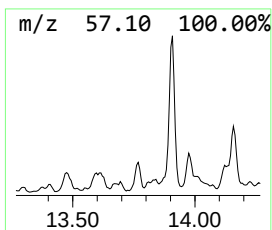
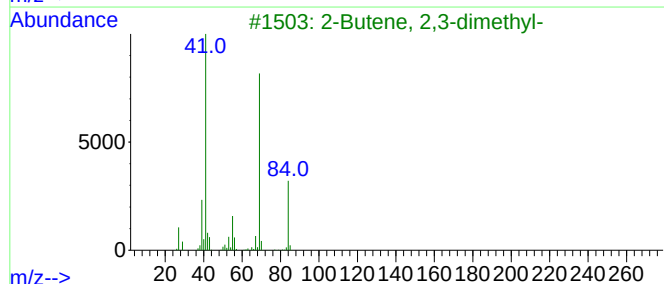
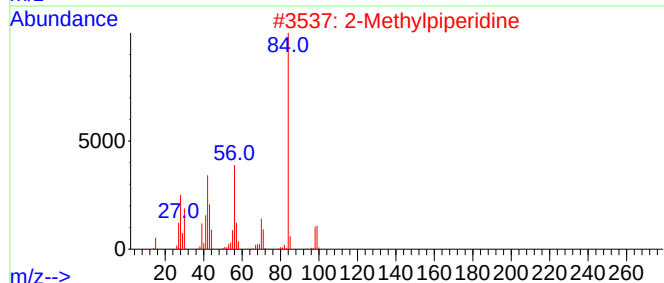
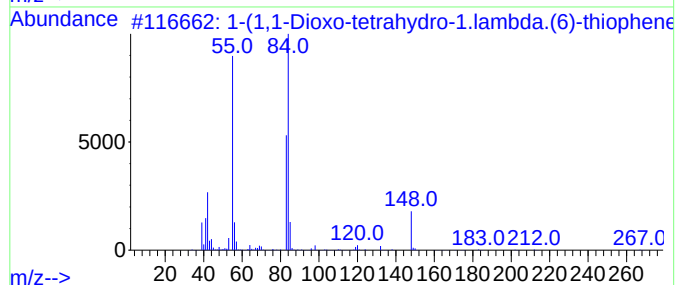
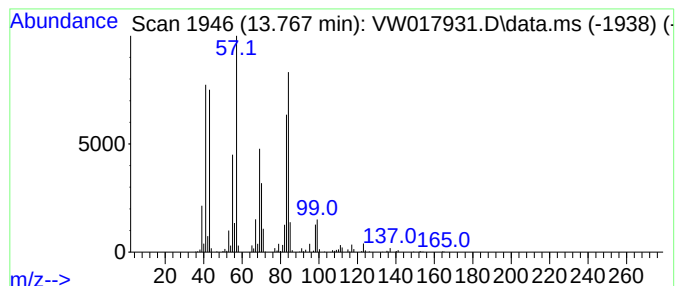
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Quant Title : VOC Analysis

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

Peak Number 9 1-(1,1-Dioxo-tetrahydro-1.l... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.768	6.63 ug/L	349294	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1,1-Dioxo-tetrahydro-1.lambd...	267	C9H17N04S2	1000297-28-4	50		
2	2-Methylpiperidine	99	C6H13N	000109-05-7	47		
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	35		
4	Oxalic acid, monoamide, N-allyl-...	241	C13H23N03	1000309-75-7	35		
5	Piperidine, 2-pentyl-	155	C10H21N	033354-97-1	32		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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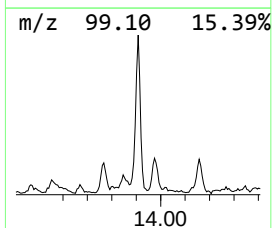
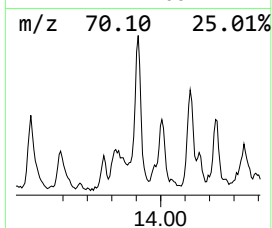
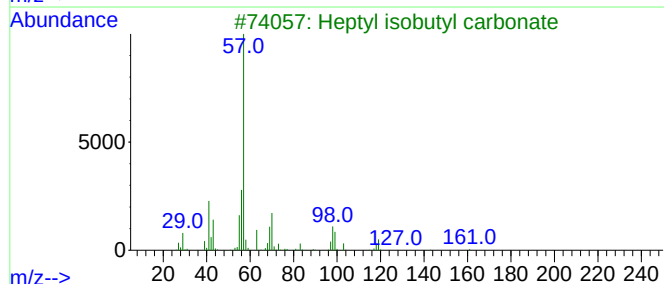
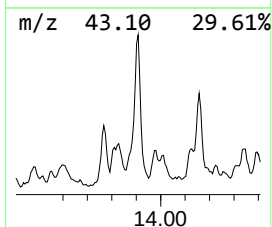
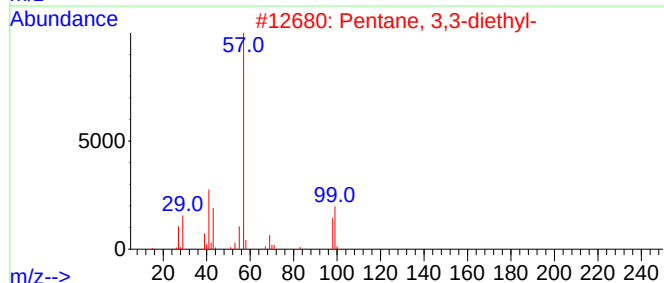
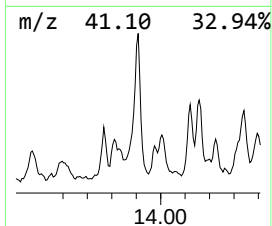
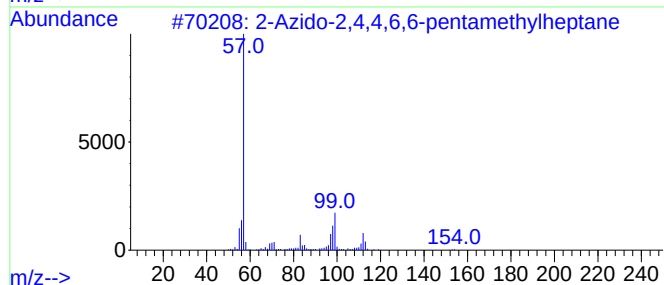
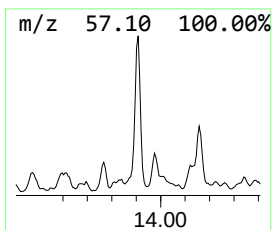
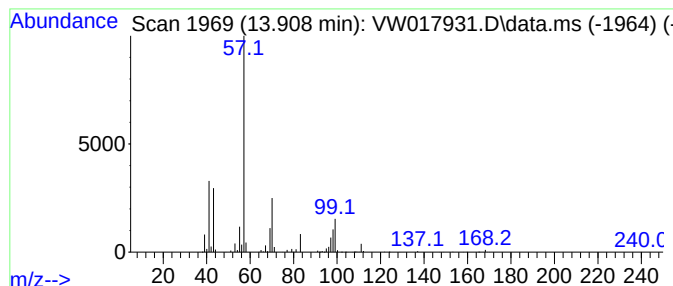
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Quant Title : VOC Analysis

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

Peak Number 10 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.908	18.41 ug/L	970130	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Azido-2,4,4,6,6-pentamethylhep...	211	C12H25N3	1000293-29-0	47		
2	Pentane, 3,3-diethyl-	128	C9H20	001067-20-5	47		
3	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	45		
4	Pentane, 3,3-diethyl-	128	C9H20	001067-20-5	43		
5	2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	43		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
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Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

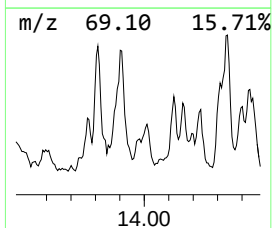
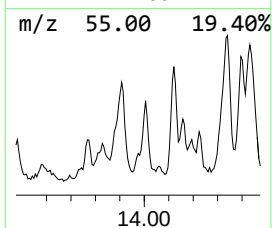
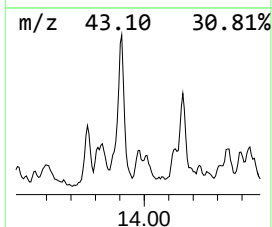
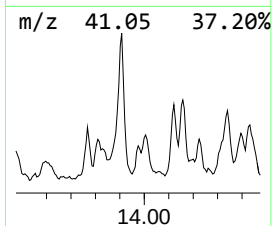
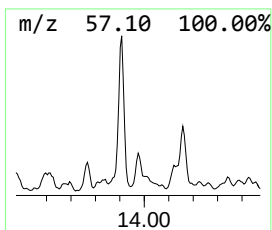
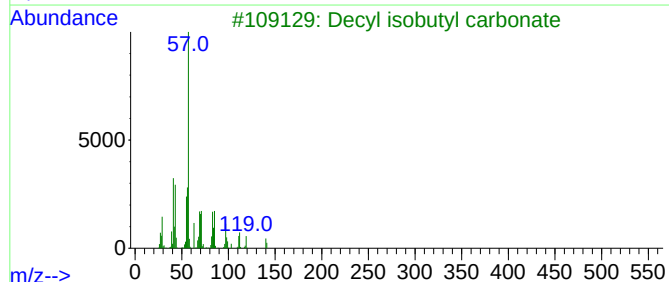
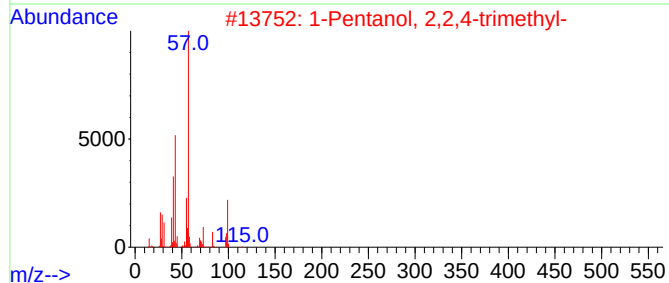
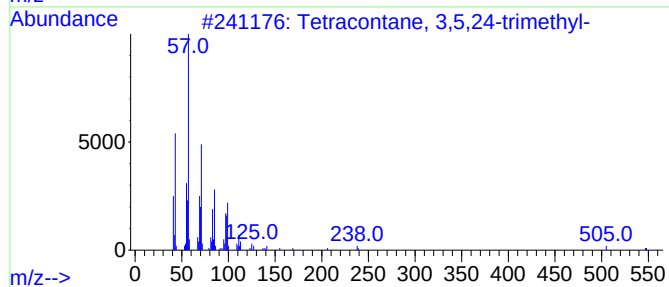
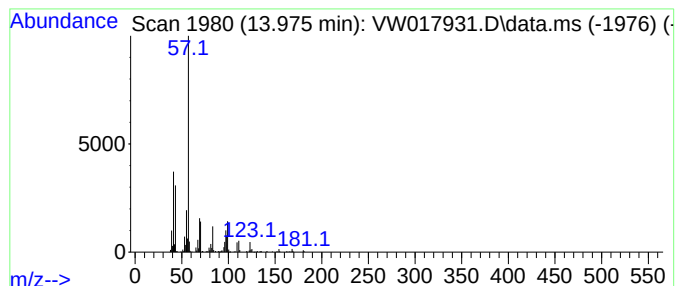
Instrument :
MSVOA_W
ClientSampleId :
F1C17

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.975	3.06 ug/L	161485	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-		605	C43H88	055162-61-3	45
2	1-Pentanol, 2,2,4-trimethyl-		130	C8H18O	000123-44-4	43
3	Decyl isobutyl carbonate		258	C15H30O3	959226-07-4	42
4	Benzene, 1-(dodecyloxy)-2-nitro-		307	C18H29NO3	083027-71-8	40
5	2-Azido-2,4,4,6,6-pentamethylhep...		211	C12H25N3	1000293-29-0	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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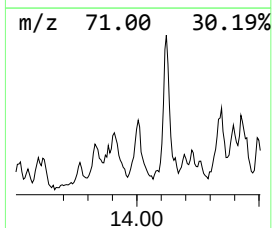
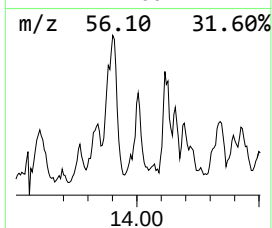
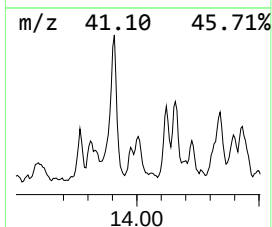
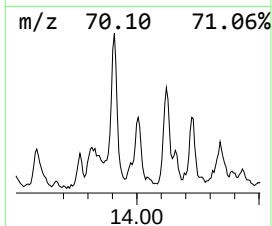
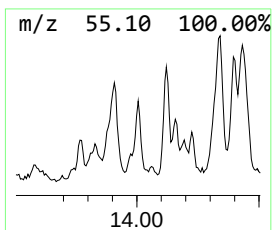
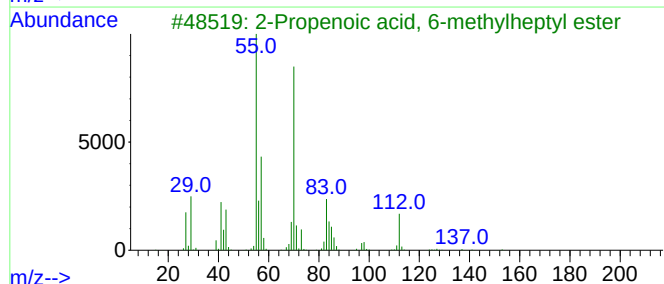
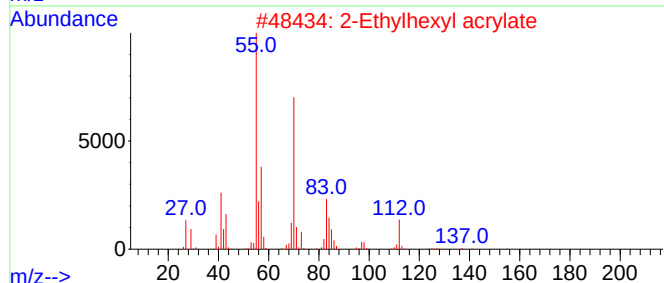
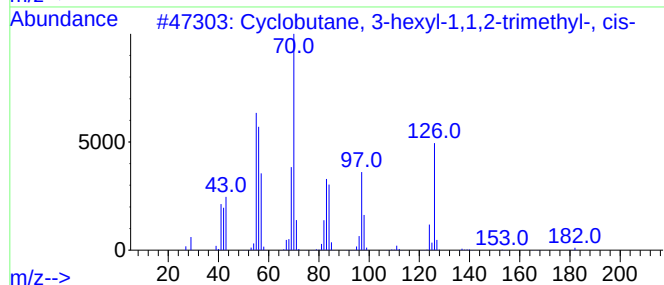
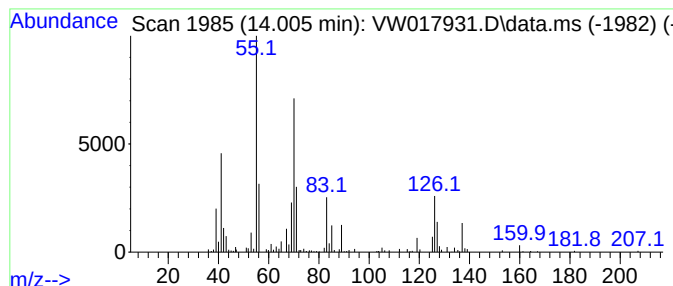
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic14.005 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	4.82 ug/L	253917	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobutane, 3-hexyl-1,1,2-trime...	182	C13H26	049622-21-1	49
2			2-Ethylhexyl acrylate	184	C11H20O2	000103-11-7	40
3			2-Propenoic acid, 6-methylheptyl...	184	C11H20O2	054774-91-3	38
4			2-Undecene, 9-methyl-, (E)-	168	C12H24	074630-46-9	37
5			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001839-88-9	28



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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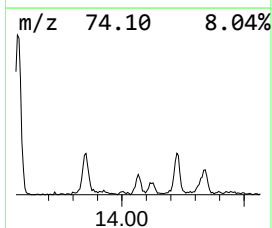
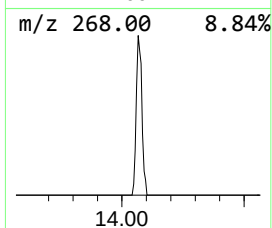
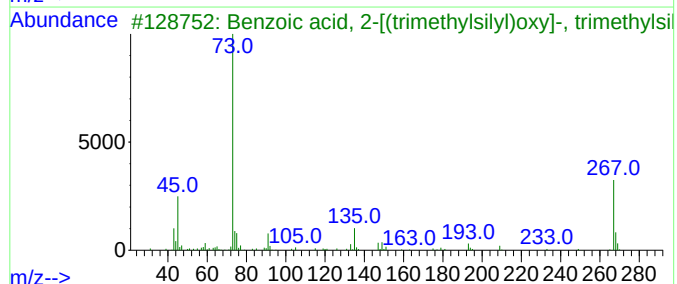
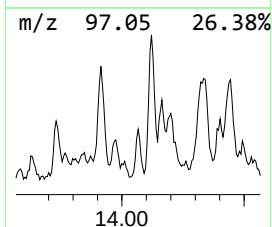
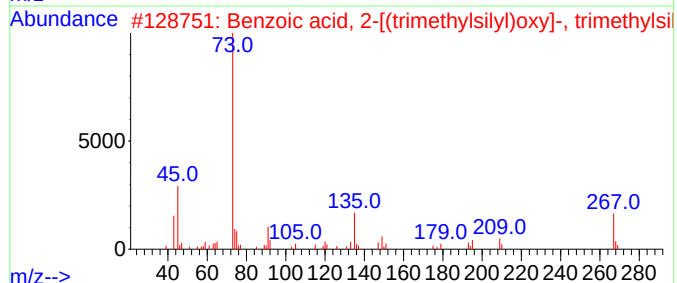
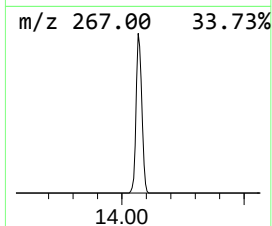
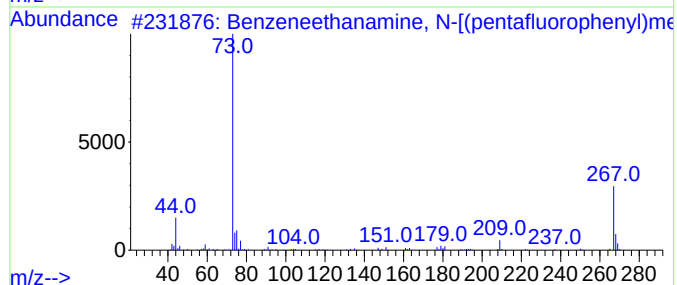
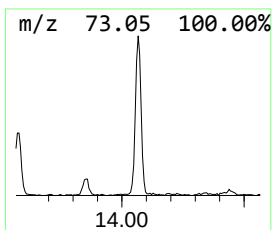
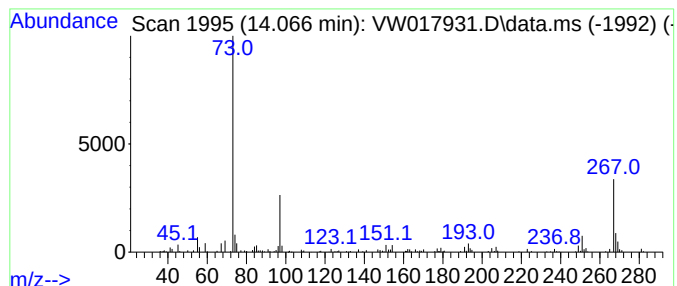
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Quant Title : VOC Analysis

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

Peak Number 13 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	1.61 ug/L	85029	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenethanamine, N-[(pentafluoro...]	475	C21H26F5NO2Si2	055429-85-1	43
2			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	37
3			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	37
4			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	25
5			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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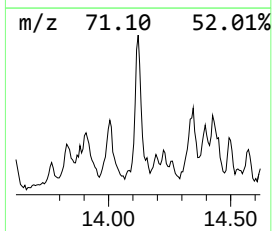
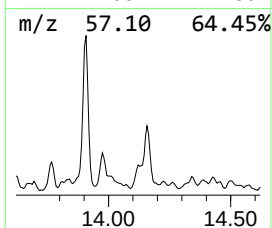
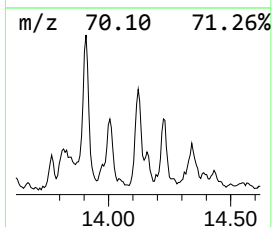
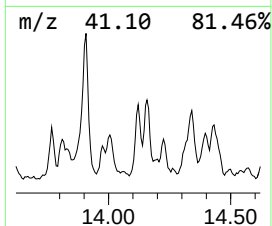
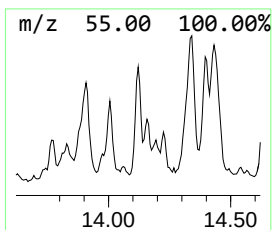
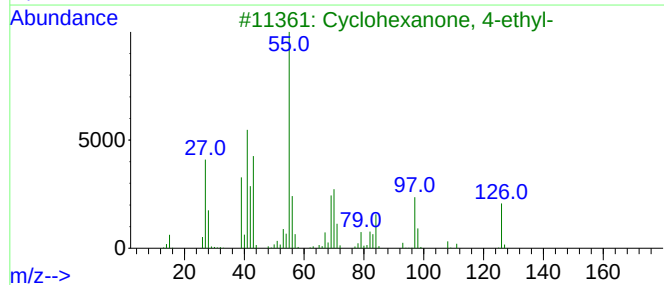
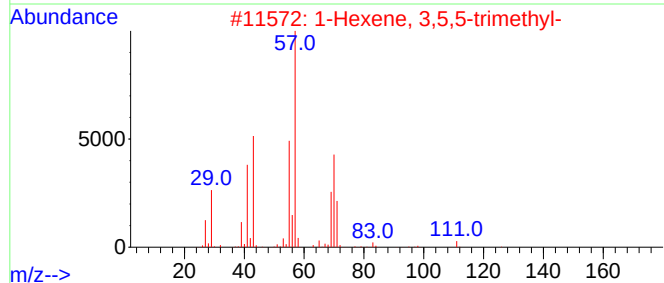
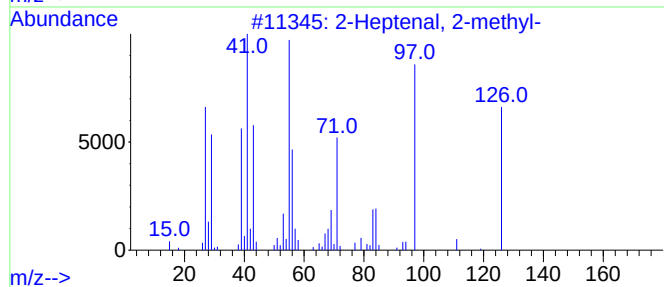
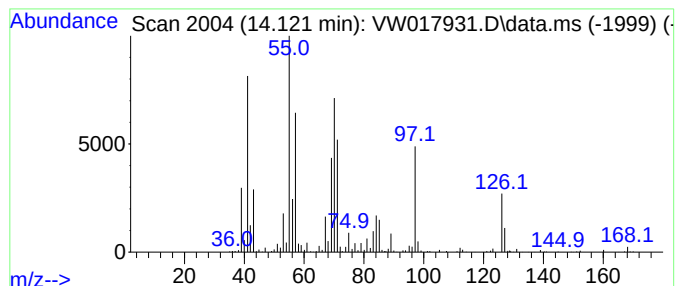
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Quant Title : VOC Analysis

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

Peak Number 14 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.121	7.79 ug/L	410300	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Heptenal, 2-methyl-	126	C8H14O	030567-26-1	46
2		1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	43
3		Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	43
4		cis-2-Nonene	126	C9H18	006434-77-1	38
5		2-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-45-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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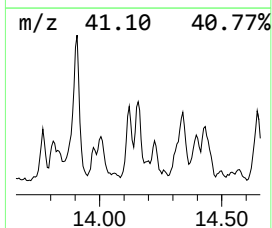
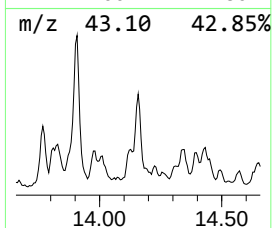
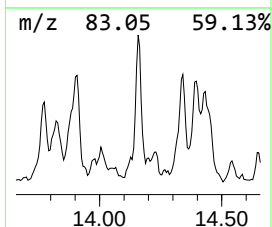
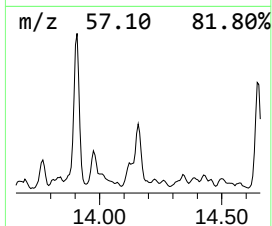
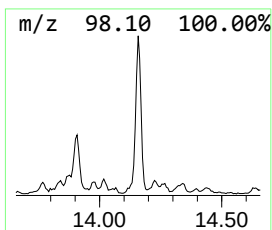
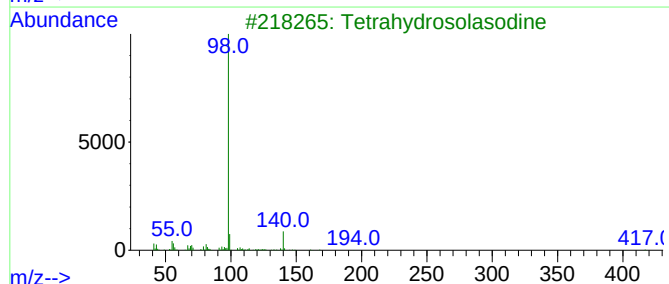
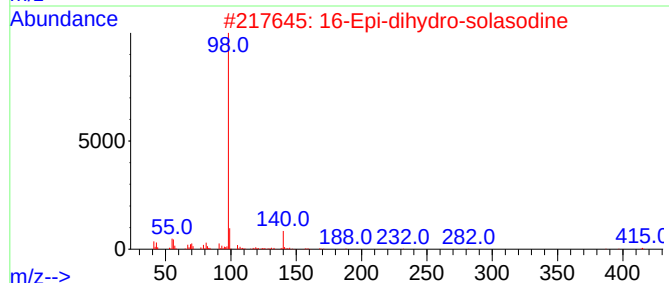
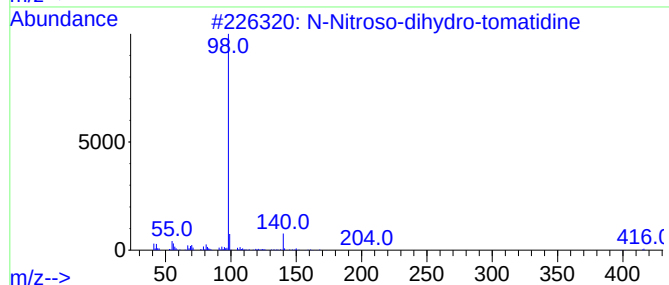
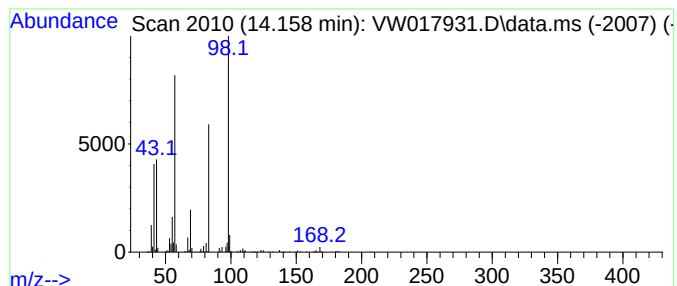
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Quant Title : VOC Analysis

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

Peak Number 15 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.158	8.35 ug/L	440060	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-Nitroso-dihydro-tomatidine	446	C27H46N2O3	1000256-69-5	47
2			16-Epi-dihydro-solasodine	415	C27H45NO2	1000256-11-6	43
3			Tetrahydrosolasodine	417	C27H47NO2	071473-03-5	43
4			3-Isoxazolamine, 5-methyl-	98	C4H6N2O	001072-67-9	38
5			Cyclohexanone, 2-(2-bromo-4,4,4-...	334	C10H14BrCl3O	097250-47-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

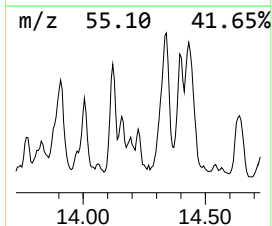
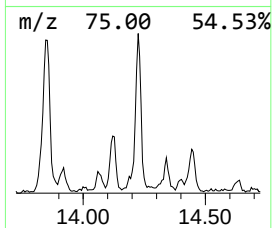
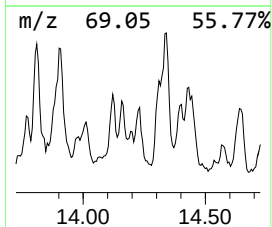
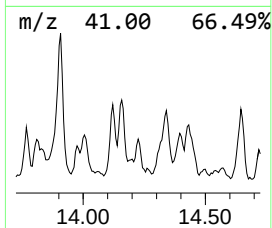
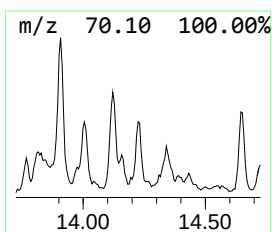
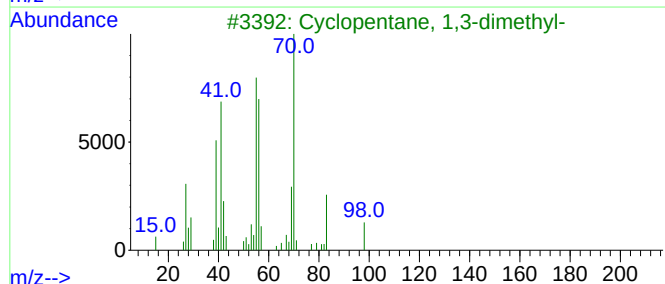
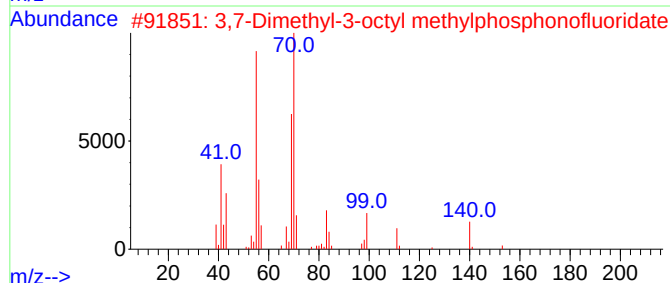
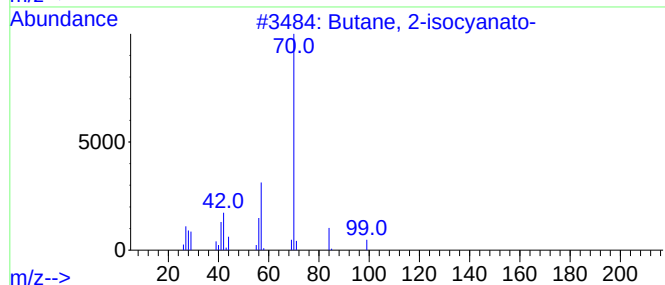
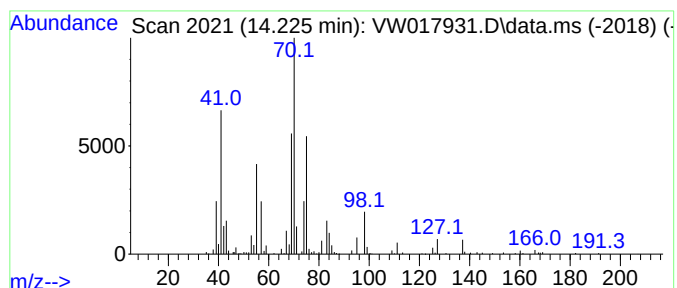
Instrument :
MSVOA_W
ClientSampleId :
F1C17

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

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

Peak Number 16 unknown-06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.225	2.90 ug/L	152878	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-isocyanato-	99	C5H9NO	015585-98-5	35
2	3,7-Dimethyl-3-octyl methylphosp...	238	C11H24FO2P	159395-79-6	32
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	32
4	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	32
5	2-Octene, 3,7-dimethyl-, (Z)-	140	C10H20	006874-32-4	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

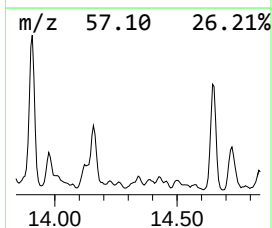
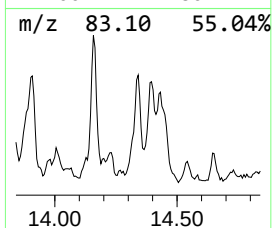
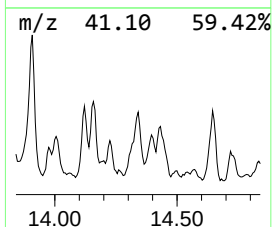
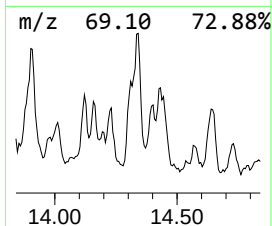
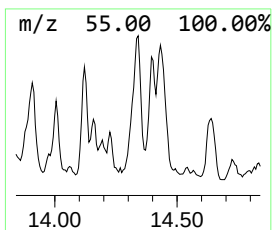
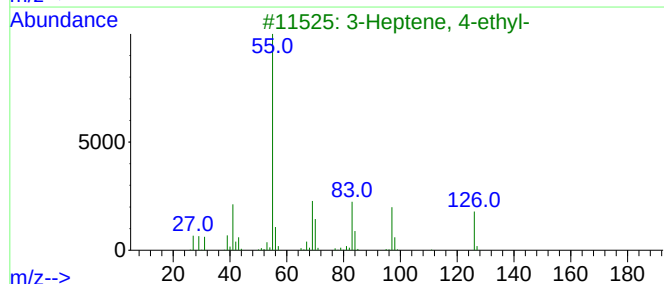
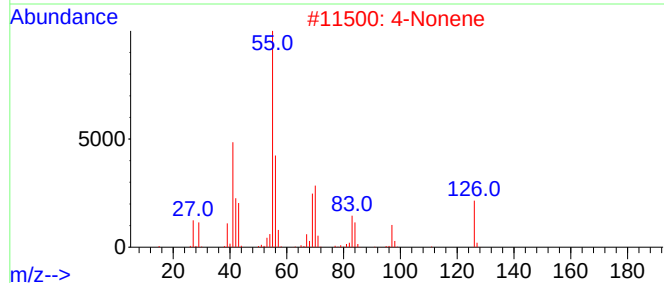
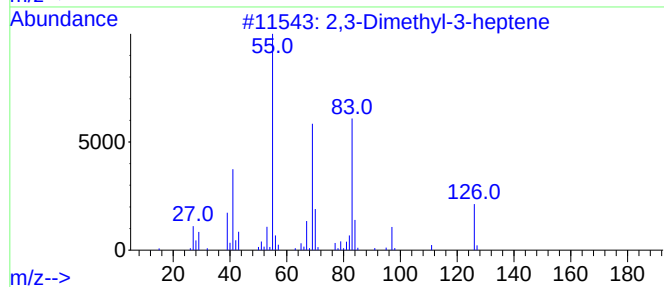
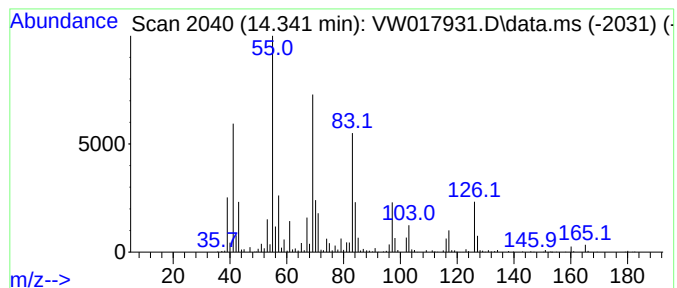
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.341	13.12 ug/L	691264	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene		126	C9H18	1000113-49-3	52
2	4-Nonene		126	C9H18	002198-23-4	43
3	3-Heptene, 4-ethyl-		126	C9H18	033933-74-3	43
4	Ethanone, 1-cyclohexyl-		126	C8H14O	000823-76-7	43
5	Cyclopentane, 1-ethyl-1-methyl-		112	C8H16	016747-50-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C17

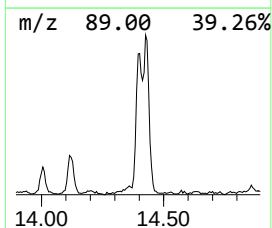
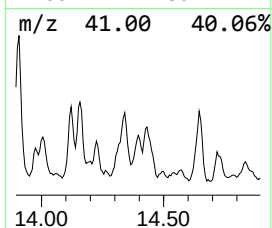
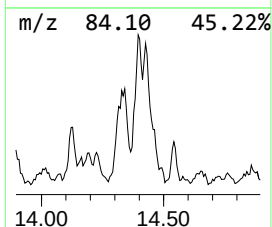
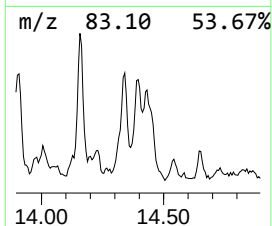
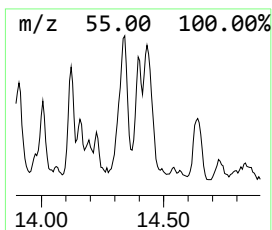
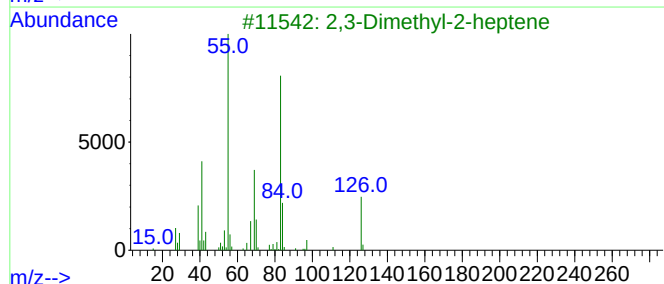
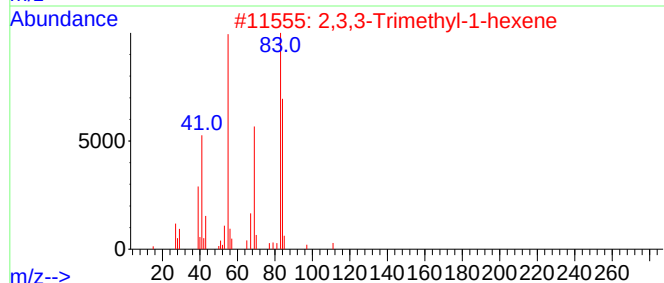
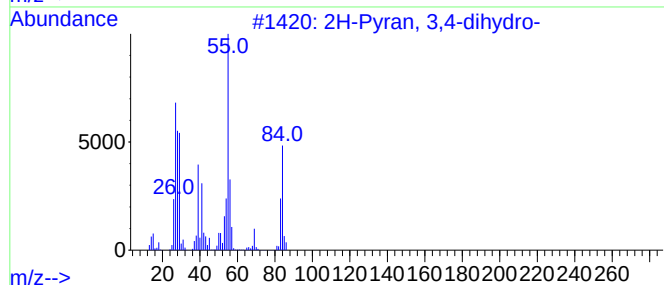
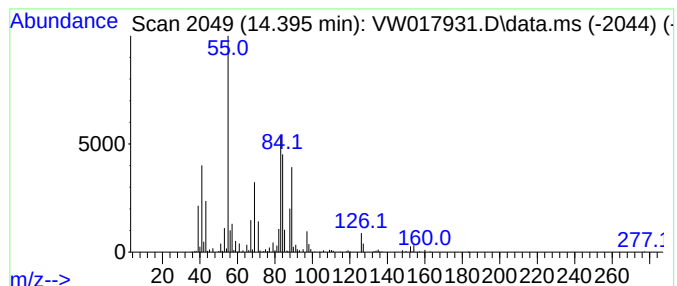
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Quant Title : VOC Analysis

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

Peak Number 18 unknown-07 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.395	8.26 ug/L	435093	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	35
2			2,3,3-Trimethyl-1-hexene	126	C9H18	1000113-52-1	32
3			2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	30
4			2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	27
5			4-Hexen-2-one, 3,4-dimethyl-	126	C8H14O	053252-21-4	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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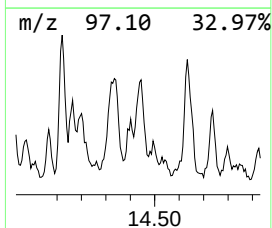
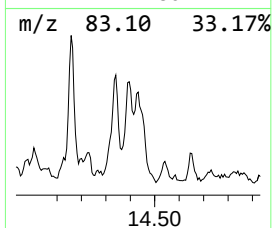
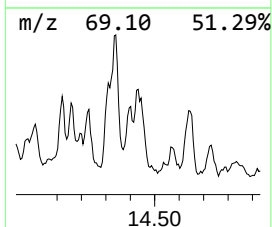
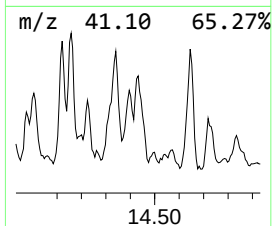
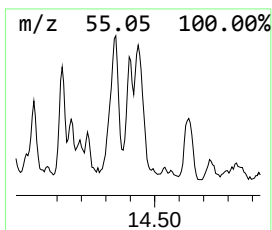
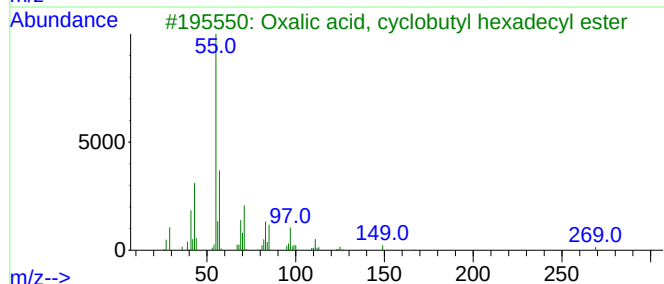
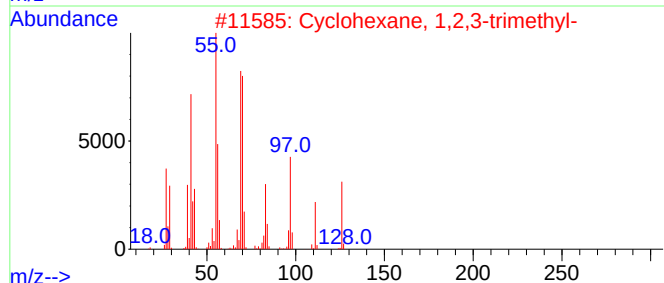
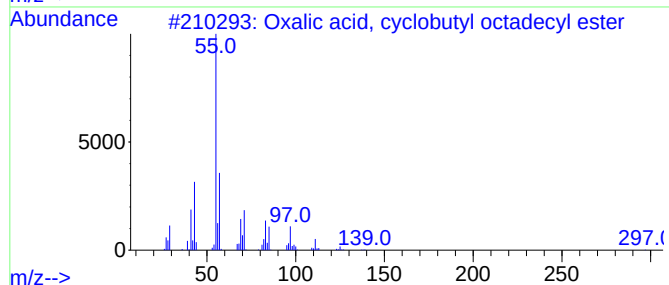
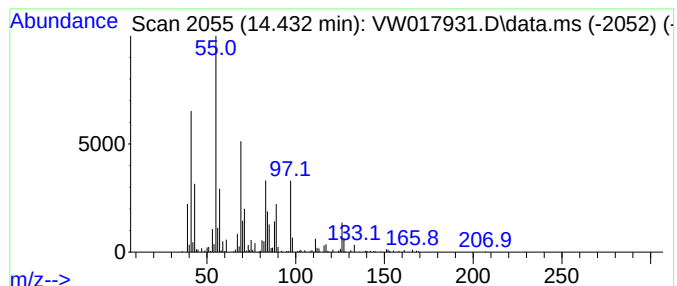
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Quant Title : VOC Analysis

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

Peak Number 19 unknown-08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.432	9.45 ug/L	497889	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclobutyl octadecyl...	396	C24H44O4	1000309-70-8	35
2			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	35
3			Oxalic acid, cyclobutyl hexadecyl...	368	C22H40O4	1000309-70-6	35
4			2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	30
5			Oxalic acid, cyclobutyl tetradecyl...	340	C20H36O4	1000309-70-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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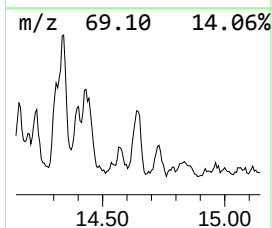
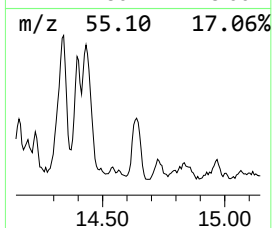
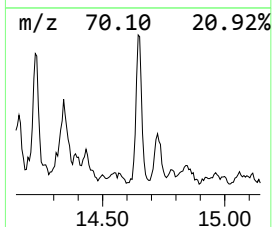
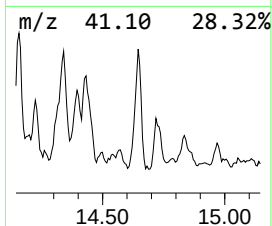
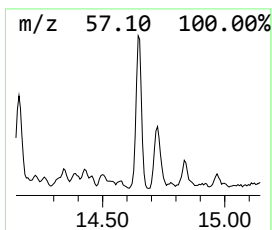
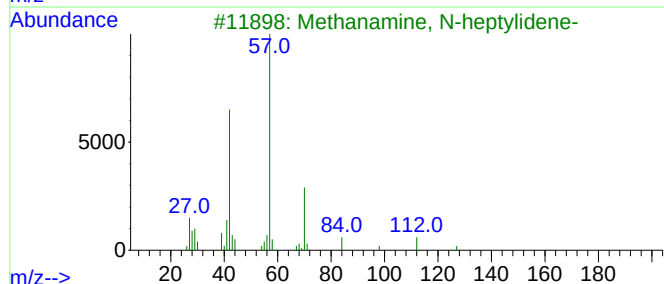
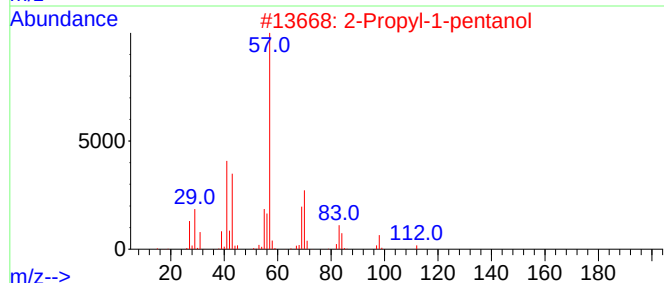
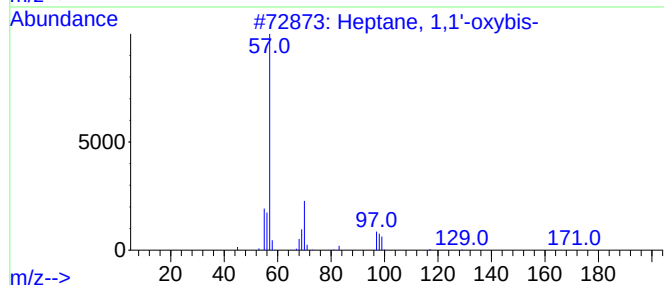
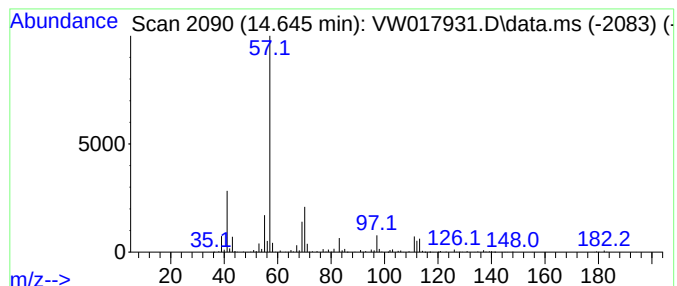
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Quant Title : VOC Analysis

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

Peak Number 20 unknown-09 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	9.13 ug/L	480884	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	42
2			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	40
3			Methanamine, N-heptylidene-	127	C8H17N	006898-71-1	37
4			Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	36
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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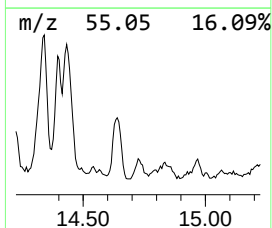
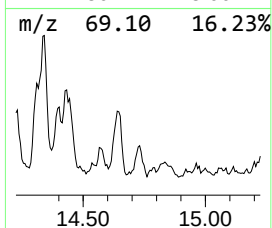
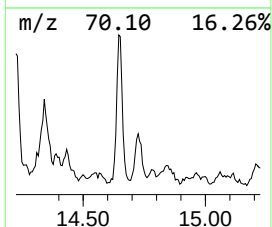
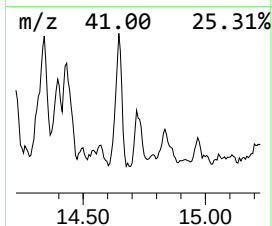
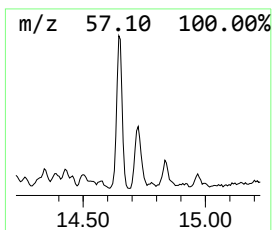
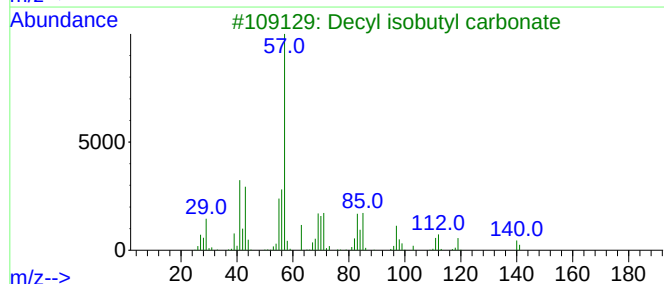
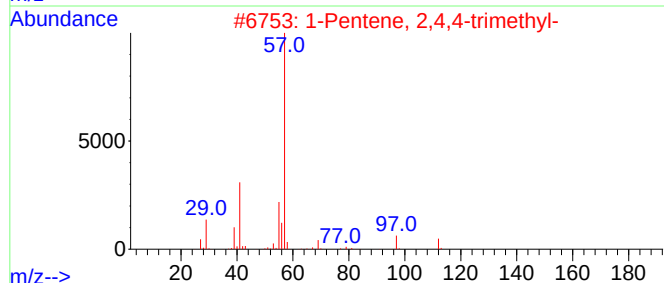
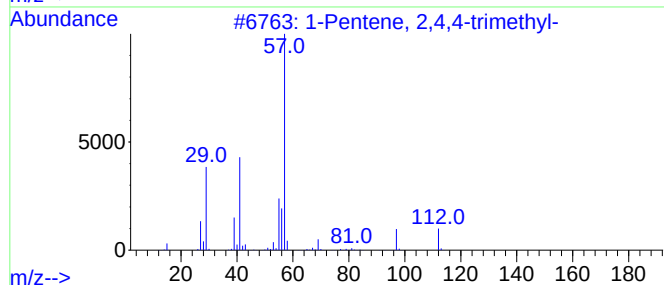
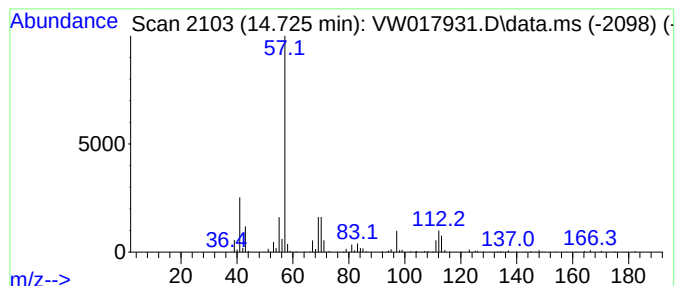
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.725	3.52 ug/L	185220	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43
2			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43
3			Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	39
4			2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	38
5			2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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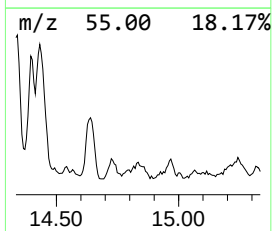
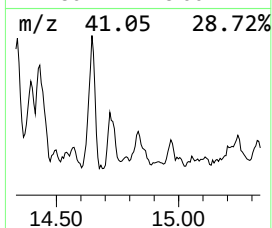
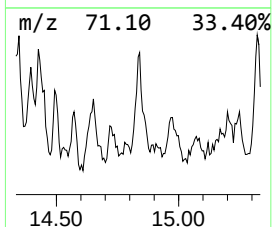
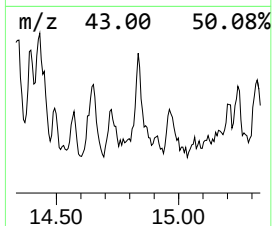
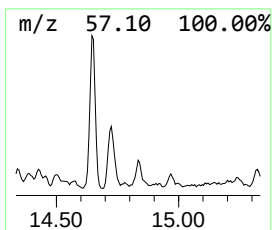
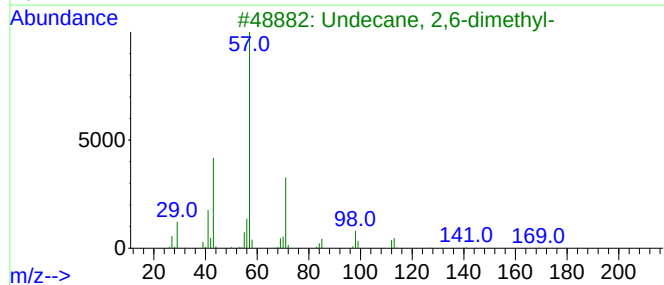
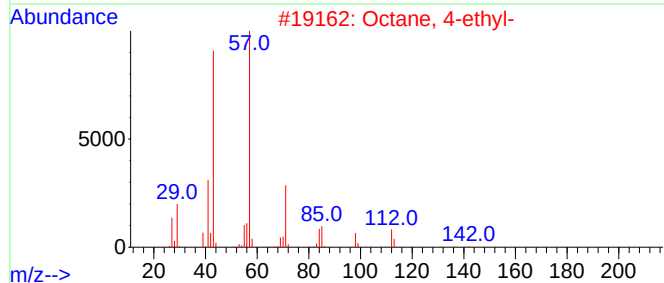
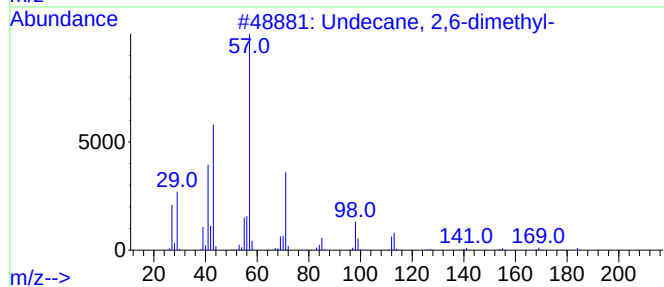
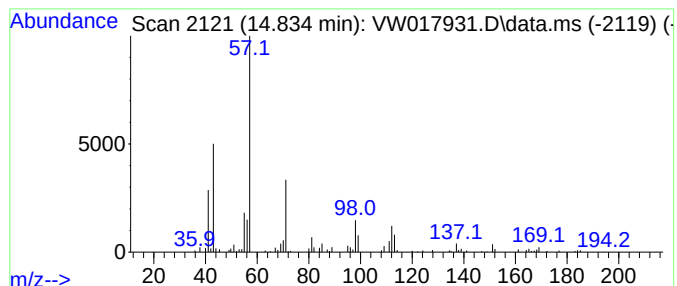
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.834	2.92 ug/L	153909	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
2			Octane, 4-ethyl-	142	C10H22	015869-86-0	59
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C17

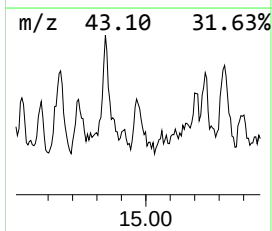
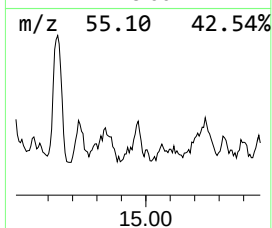
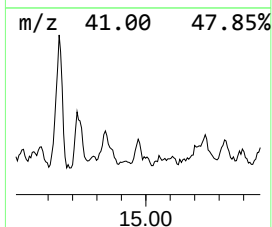
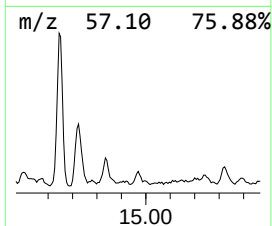
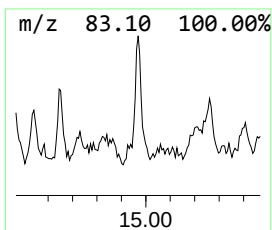
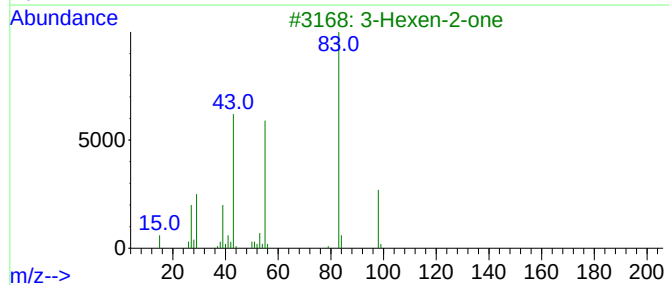
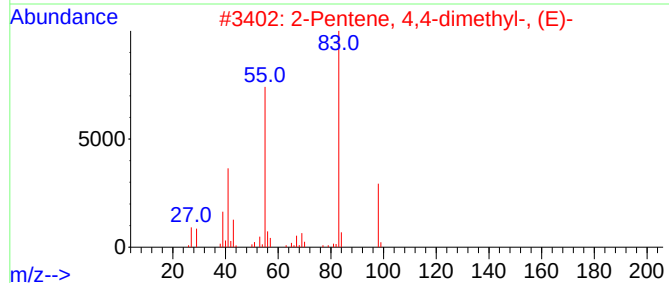
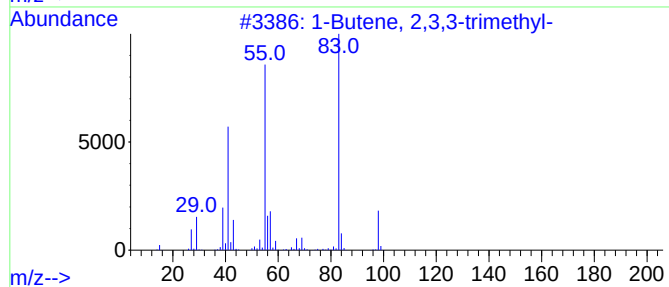
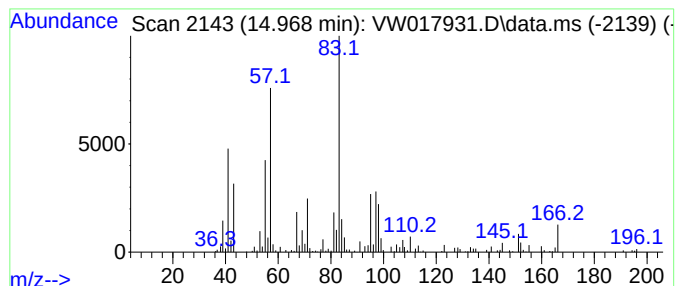
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.969	1.84 ug/L	97003	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	43
2			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	43
3			3-Hexen-2-one	98	C6H10O	000763-93-9	38
4			4,4-Dimethyl-2-pentyl methylphos...	196	C8H18FO2P	030593-65-8	38
5			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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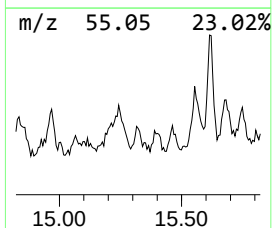
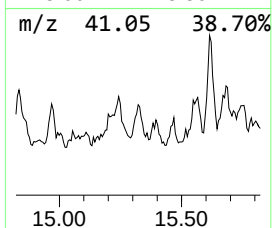
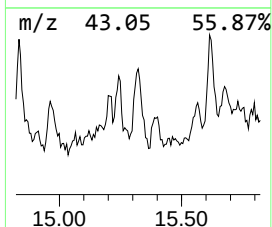
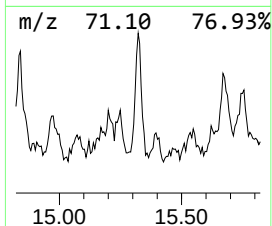
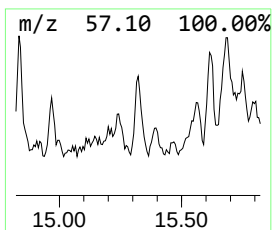
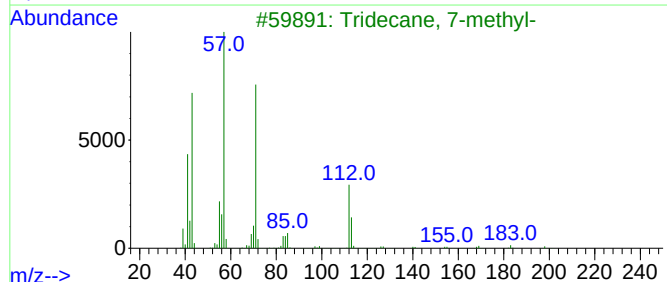
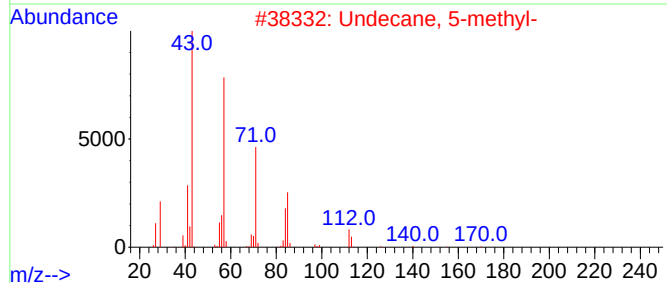
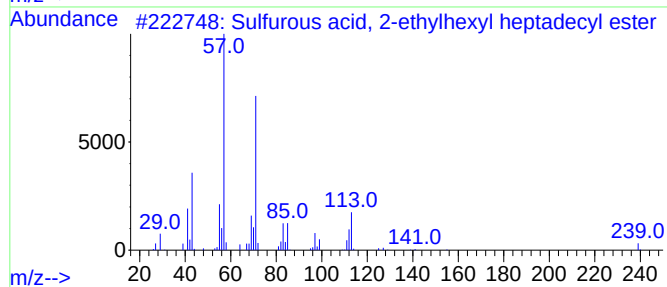
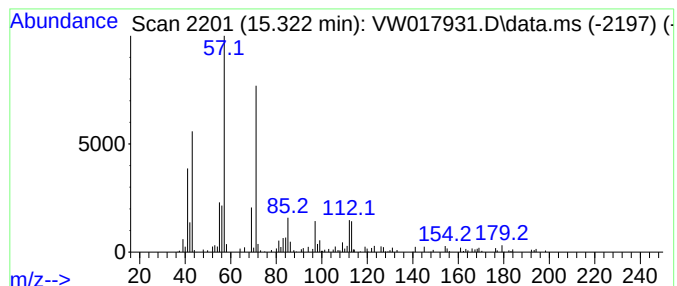
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

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

Peak Number 24 Sulfurous acid, 2-ethylhexy... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	1.71 ug/L	90368	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	80
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	72
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C17

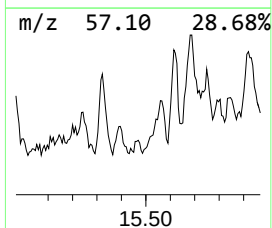
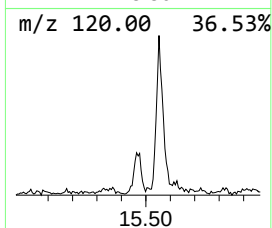
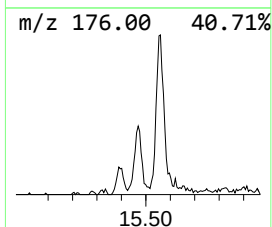
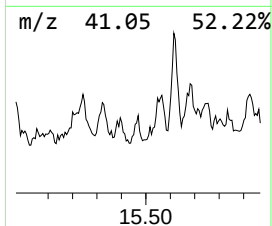
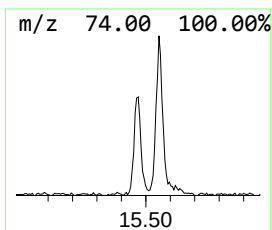
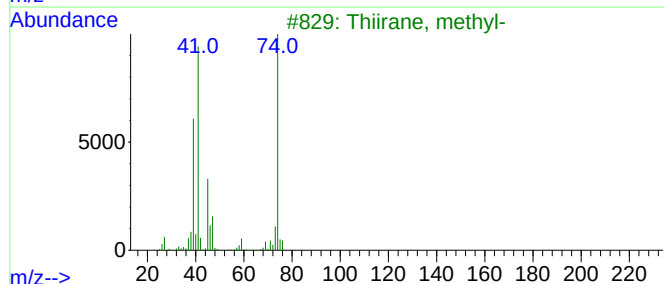
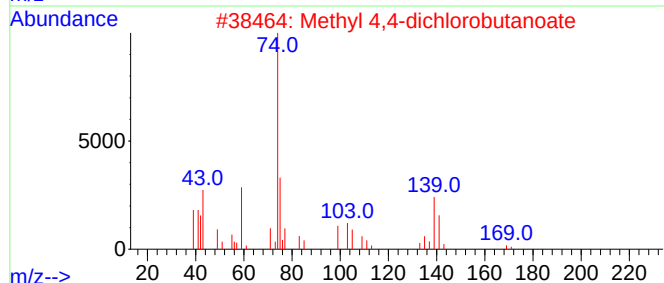
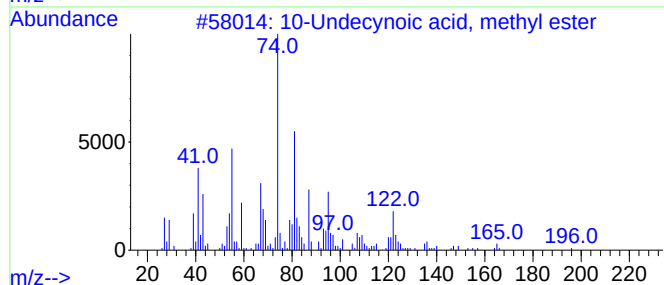
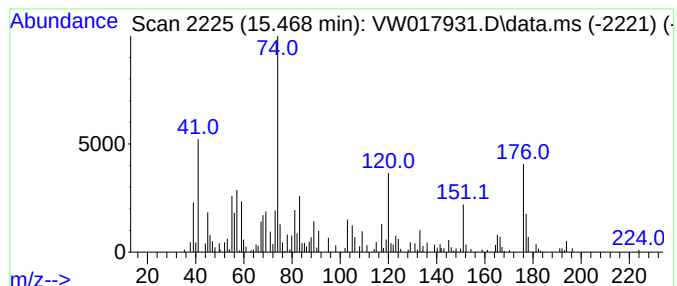
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Quant Title : VOC Analysis

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

Peak Number 25 unknown-10 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.468	1.27 ug/L	66866	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Undecynoic acid, methyl ester	196	C12H20O2	002777-66-4	35		
2	Methyl 4,4-dichlorobutanoate	170	C5H8Cl2O2	081236-55-7	27		
3	Thiirane, methyl-	74	C3H6S	001072-43-1	27		
4	Urea, N-ethyl-N-nitroso-	117	C3H7N3O2	000759-73-9	25		
5	Pentanoic acid, 4-methyl-, methy...	130	C7H14O2	002412-80-8	23		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C17

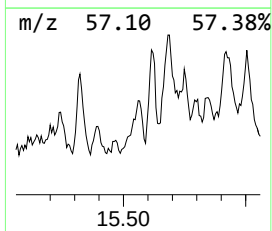
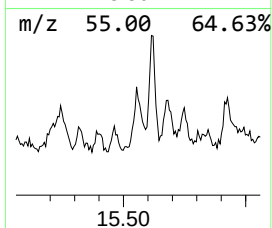
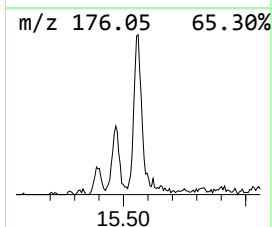
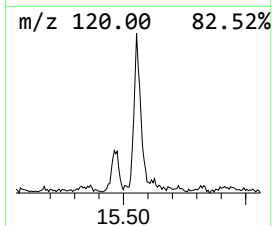
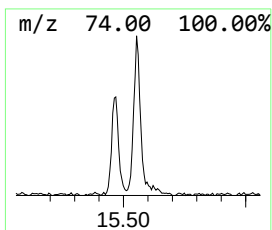
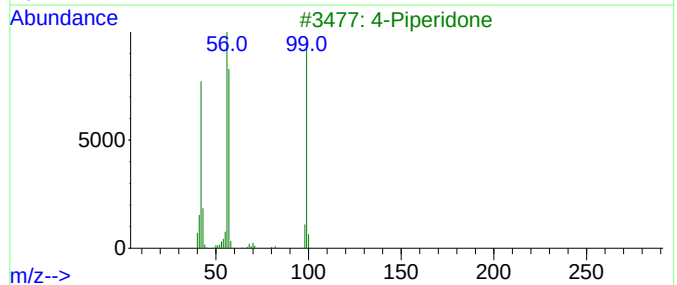
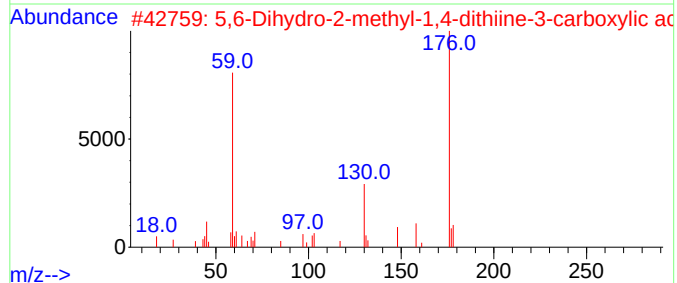
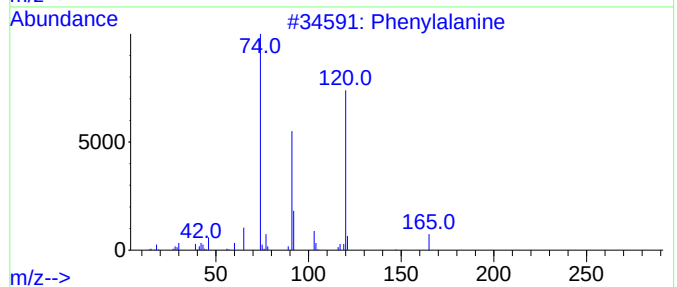
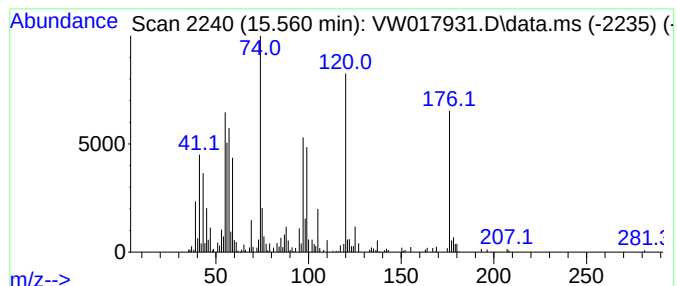
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Quant Title : VOC Analysis

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

Peak Number 26 unknown-11 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.560	2.94 ug/L	155081	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenylalanine	165	C9H11NO2	000063-91-2	16
2			5,6-Dihydro-2-methyl-1,4-dithiin...	176	C6H8O2S2	035756-29-7	11
3			4-Piperidone	99	C5H9NO	041661-47-6	10
4			5-Methyl-3,6-dihydro-1,2-dithiin...	176	C6H8O2S2	959252-25-6	10
5			DL-Phenylalanine	165	C9H11NO2	000150-30-1	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C17

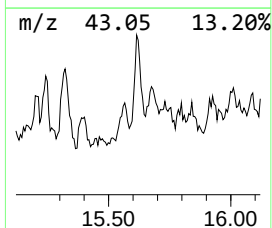
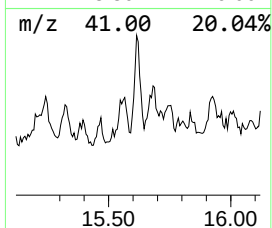
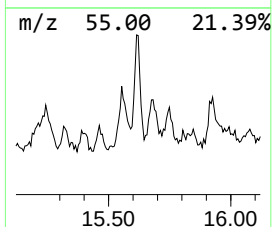
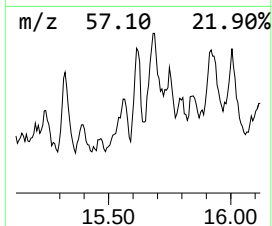
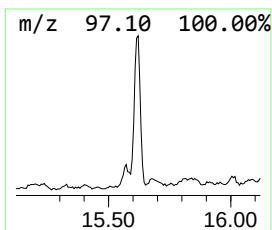
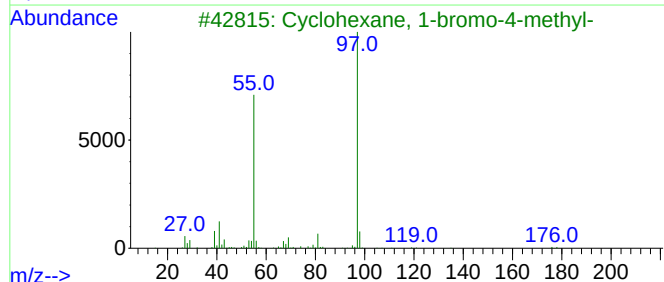
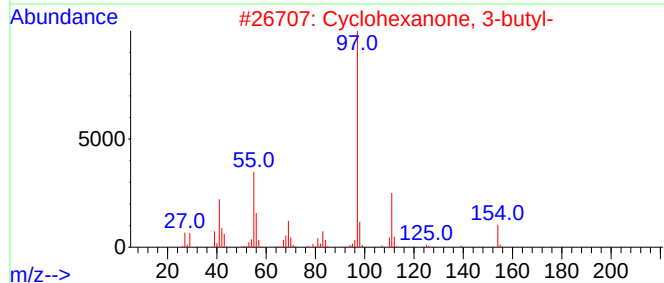
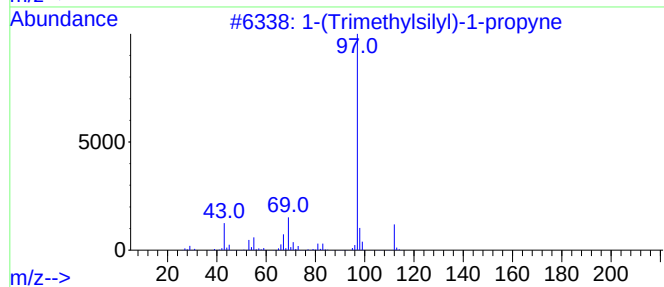
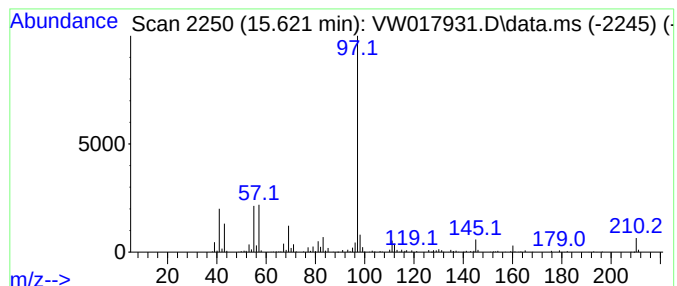
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

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

Peak Number 27 1-(Trimethylsilyl)-1-propyne Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.621	6.28 ug/L	330978	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	64
2		Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	64
3		Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	58
4		2H-Pyran-2-one, 5,6-dihydro-6-pe...	168	C10H16O2	054814-64-1	53
5		Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C17

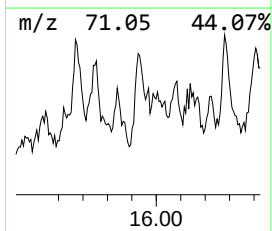
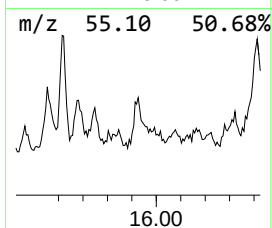
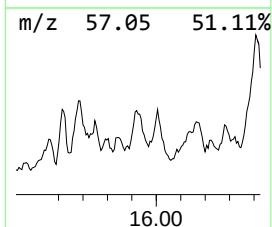
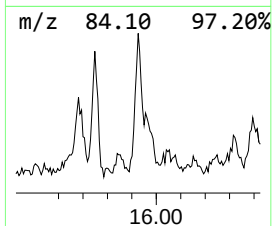
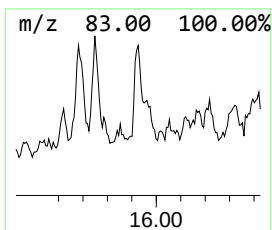
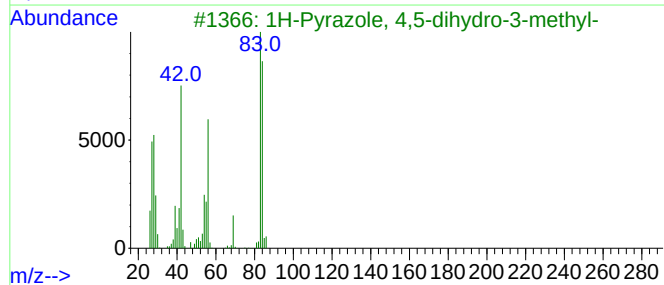
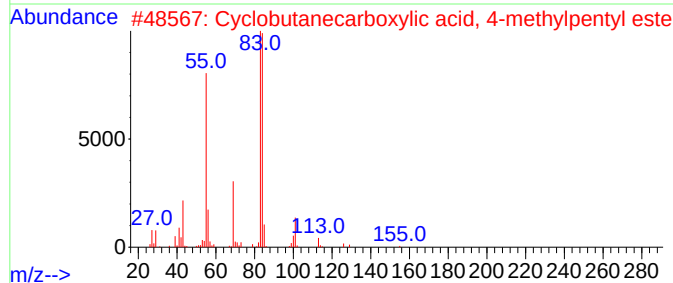
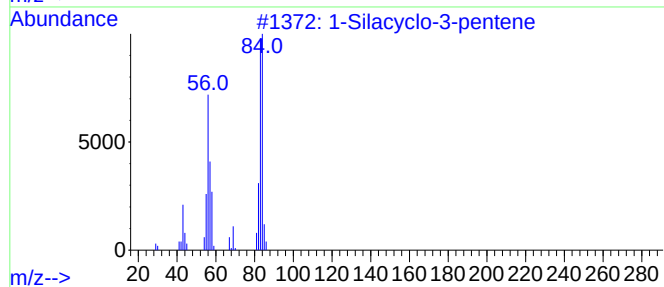
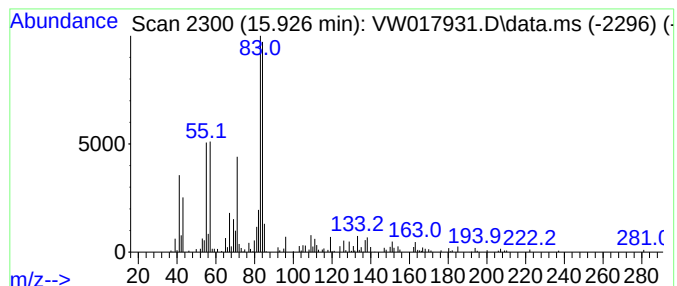
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

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

Peak Number 28 1-Silacyclo-3-pentene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.926	2.03 ug/L	107170	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Silacyclo-3-pentene	84	C4H8Si	007049-25-4	58
2			Cyclobutanecarboxylic acid, 4-me...	184	C11H20O2	1000282-21-8	53
3			1H-Pyrazole, 4,5-dihydro-3-methyl-	84	C4H8N2	001911-30-4	50
4			2-Pentenal, (E)-	84	C5H8O	001576-87-0	50
5			1H-Pyrrolizine, hexahydro-	111	C7H13N	000643-20-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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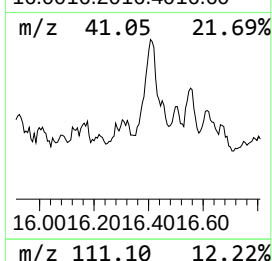
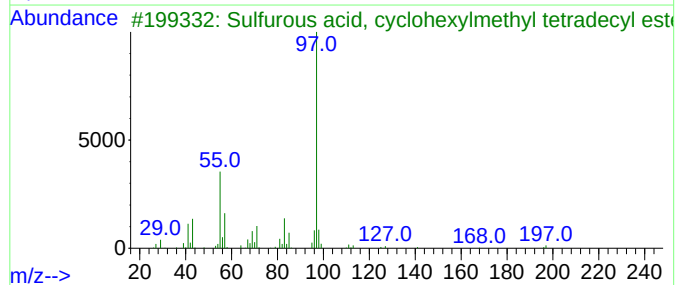
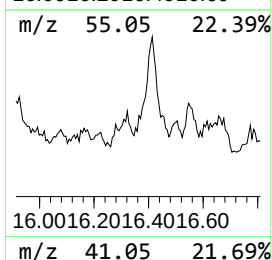
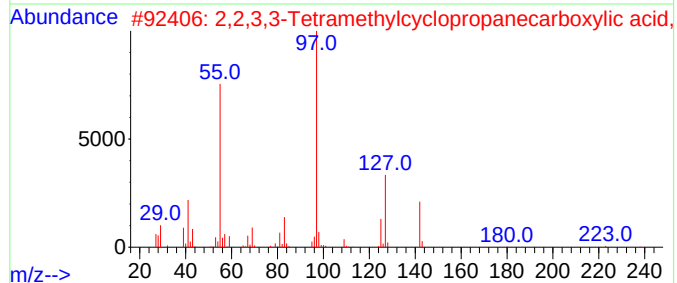
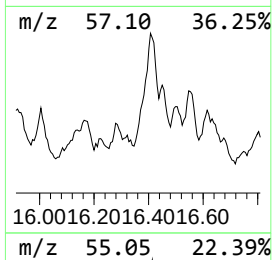
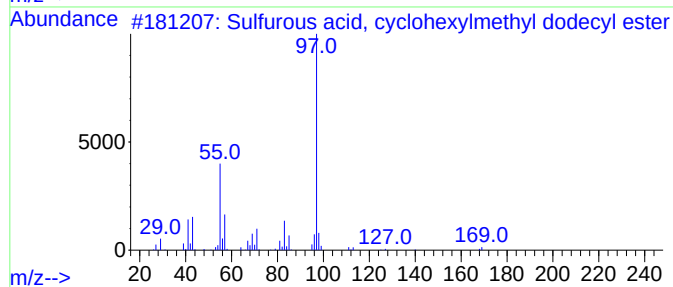
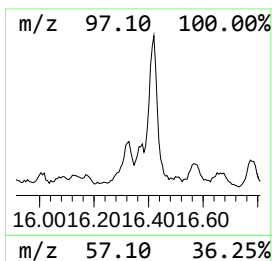
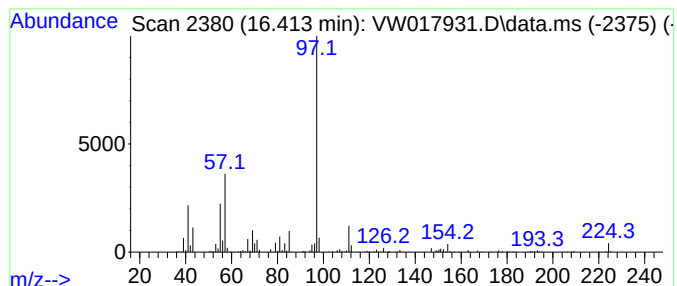
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

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

Peak Number 29 Sulfurous acid, cyclohexylm... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.413	8.61 ug/L	453897	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	59
2			2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1000221-97-5	59
3			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	59
4			Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	52
5			Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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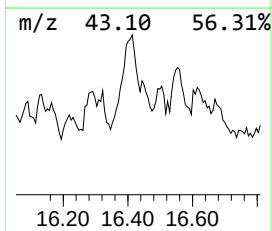
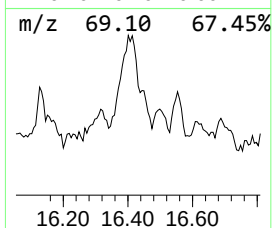
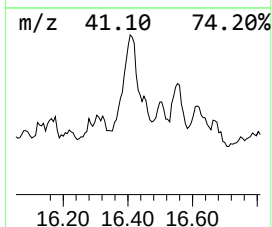
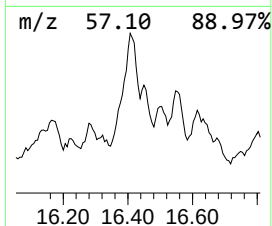
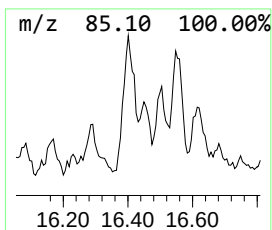
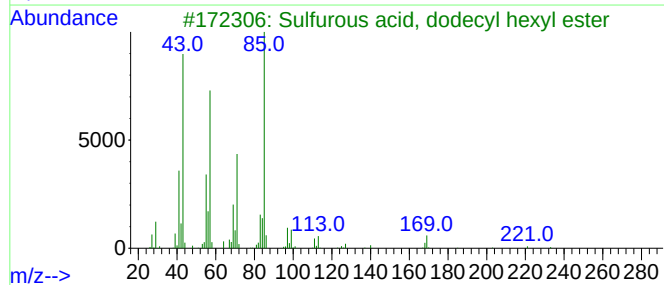
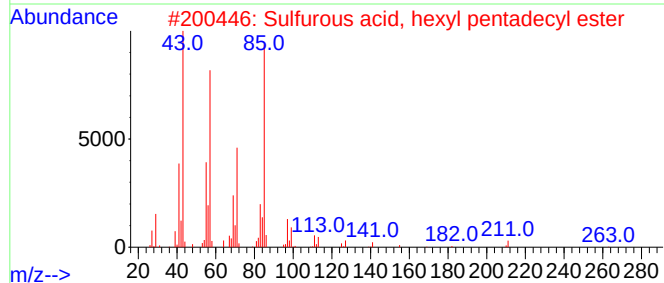
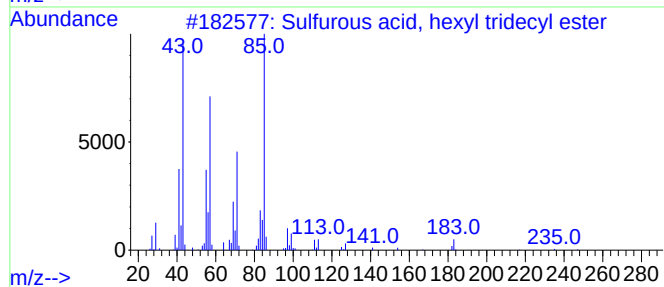
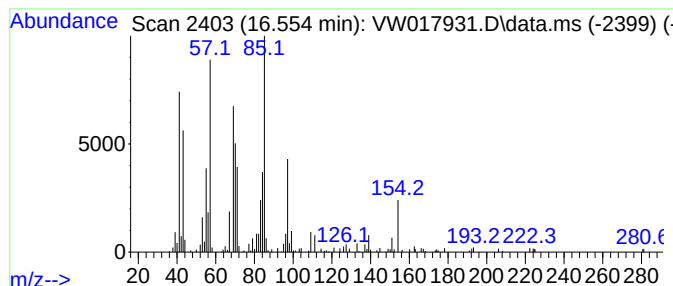
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

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

Peak Number 30 unknown-12 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.554	2.42 ug/L	127483	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, hexyl tridecyl e...	348	C19H40O3S	1000309-13-5	47
2			Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	47
3			Sulfurous acid, dodecyl hexyl ester	334	C18H38O3S	1000309-13-4	43
4			Sulfurous acid, decyl hexyl ester	306	C16H34O3S	1000309-13-2	43
5			Undecane, 4,4-dimethyl-	184	C13H28	017312-68-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017931.D
 Acq On : 18 Jan 2021 16:19
 Operator : SY/VA
 Sample : M1099-21
 Misc : 8.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C17

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	9.896	1.7	ug/L	61317	1	8.841	906645	25.0
(DEL) Alkane: S...	11.274	1.3	ug/L	120325	2	11.634	2318590	25.0
(DEL) Alkane: S...	11.408	2.0	ug/L	182774	2	11.634	2318590	25.0
unknown-01	12.938	2.1	ug/L	110932	3	13.560	1317350	25.0
(DEL) Alkane: S...	13.127	1.9	ug/L	100846	3	13.560	1317350	25.0
(DEL) Alkane: S...	13.170	4.2	ug/L	219732	3	13.560	1317350	25.0
(DEL) Alkane: C...	13.262	1.5	ug/L	76968	3	13.560	1317350	25.0
1-(1,1-Dioxo-te...	13.768	6.6	ug/L	349294	3	13.560	1317350	25.0
unknown-02	13.908	18.4	ug/L	970130	3	13.560	1317350	25.0
(DEL) Alkane: S...	13.975	3.1	ug/L	161485	3	13.560	1317350	25.0
(DEL) Alkane: C...	14.005	4.8	ug/L	253917	3	13.560	1317350	25.0
unknown-03	14.066	1.6	ug/L	85029	3	13.560	1317350	25.0
unknown-04	14.121	7.8	ug/L	410300	3	13.560	1317350	25.0
unknown-05	14.158	8.3	ug/L	440060	3	13.560	1317350	25.0
unknown-06	14.225	2.9	ug/L	152878	3	13.560	1317350	25.0
(DEL) Alkane: S...	14.341	13.1	ug/L	691264	3	13.560	1317350	25.0
unknown-07	14.395	8.3	ug/L	435093	3	13.560	1317350	25.0
unknown-08	14.432	9.4	ug/L	497889	3	13.560	1317350	25.0
unknown-09	14.645	9.1	ug/L	480884	3	13.560	1317350	25.0
(DEL) Alkane: S...	14.725	3.5	ug/L	185220	3	13.560	1317350	25.0
(DEL) Alkane: S...	14.834	2.9	ug/L	153909	3	13.560	1317350	25.0
(DEL) Alkane: S...	14.969	1.8	ug/L	97003	3	13.560	1317350	25.0
Sulfurous acid,...	15.322	1.7	ug/L	90368	3	13.560	1317350	25.0
unknown-10	15.468	1.3	ug/L	66866	3	13.560	1317350	25.0
unknown-11	15.560	2.9	ug/L	155081	3	13.560	1317350	25.0
1-(Trimethylsil...	15.621	6.3	ug/L	330978	3	13.560	1317350	25.0
1-Silacyclo-3-p...	15.926	2.0	ug/L	107170	3	13.560	1317350	25.0
Sulfurous acid,...	16.413	8.6	ug/L	453897	3	13.560	1317350	25.0
unknown-12	16.554	2.4	ug/L	127483	3	13.560	1317350	25.0