

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
 Data File : VW014117.D
 Acq On : 25 Nov 2019 17:47
 Operator : SY/VA
 Sample : K6007-16
 Misc : 3.20G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BM2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.965	5	10	20	rVB4	6701	16181	2.78%	0.499%
2	2.178	36	45	54	rBV2	21547	55777	9.57%	1.720%
3	2.349	66	73	81	rBV	51764	92224	15.83%	2.844%
4	2.629	114	119	124	rBV8	2738	6265	1.08%	0.193%
5	2.885	154	161	171	rBV	38790	99844	17.14%	3.079%
6	3.379	235	242	252	rBV3	2331	4639	0.80%	0.143%
7	3.525	264	266	269	rBV3	532	850	0.15%	0.026%
8	4.013	334	346	358	rBV2	61093	196448	33.72%	6.058%
9	4.391	400	408	409	rBV2	2644	4162	0.71%	0.128%
10	4.909	486	493	494	rBV5	2676	4747	0.81%	0.146%
11	5.927	652	660	663	rBV3	3677	8462	1.45%	0.261%
12	6.190	701	703	706	rBV2	730	918	0.16%	0.028%
13	6.702	785	787	788	rVV2	931	744	0.13%	0.023%
14	6.720	788	790	793	rVV2	1074	1104	0.19%	0.034%
15	6.976	829	832	838	rVB2	504	673	0.12%	0.021%
16	7.074	838	848	853	rBV2	33853	90785	15.58%	2.800%
17	7.128	853	857	874	rVB2	34008	99003	16.99%	3.053%
18	7.641	931	941	951	rBV	119174	299416	51.39%	9.233%
19	7.872	969	979	987	rVV	62487	161494	27.72%	4.980%
20	7.958	987	993	998	rVV6	5350	13125	2.25%	0.405%
21	8.037	1003	1006	1012	rVB5	743	1251	0.21%	0.039%
22	8.275	1029	1045	1063	rBV2	192232	582645	100.00%	17.968%
23	8.567	1089	1093	1097	rVV5	881	1448	0.25%	0.045%
24	8.640	1102	1105	1110	rVV5	390	845	0.15%	0.026%
25	8.683	1110	1112	1117	rVV5	1586	2460	0.42%	0.076%
26	8.835	1130	1137	1146	rBV	90170	179421	30.79%	5.533%
27	9.043	1164	1171	1177	rVV6	899	2794	0.48%	0.086%
28	9.268	1197	1208	1215	rBV	131956	277948	47.70%	8.571%
29	9.329	1215	1218	1229	rVV2	17591	34775	5.97%	1.072%
30	9.561	1254	1256	1258	rBV3	759	772	0.13%	0.024%
31	9.652	1269	1271	1275	rVB3	998	1256	0.22%	0.039%
32	9.744	1282	1286	1290	rBV5	991	1800	0.31%	0.056%
33	9.890	1307	1310	1315	rVB5	1908	3288	0.56%	0.101%
34	10.036	1327	1334	1340	rBV	21654	40760	7.00%	1.257%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Title : VOC Analysis

35	10.128	1347	1349	1353	rVB2	697	829	0.14%	0.026%
36	10.171	1353	1356	1359	rBV3	653	855	0.15%	0.026%
37	10.219	1359	1364	1365	rBV4	1620	2571	0.44%	0.079%
38	10.323	1373	1381	1390	rBV	104607	187123	32.12%	5.770%
39	10.384	1390	1391	1397	rVB3	1730	1746	0.30%	0.054%
40	10.488	1403	1408	1416	rVB6	5269	11221	1.93%	0.346%
41	10.579	1417	1423	1430	rBV	9454	17015	2.92%	0.525%
42	10.658	1432	1436	1437	rBV3	4123	4467	0.77%	0.138%
43	10.701	1438	1443	1449	rVB	33327	57012	9.79%	1.758%
44	10.768	1450	1454	1455	rBV2	2665	3626	0.62%	0.112%
45	10.927	1474	1480	1487	rBV	31391	60469	10.38%	1.865%
46	11.061	1497	1502	1510	rBV3	15211	27409	4.70%	0.845%
47	11.146	1512	1516	1517	rBV3	1605	1935	0.33%	0.060%
48	11.170	1518	1520	1525	rVB5	4580	6571	1.13%	0.203%
49	11.225	1525	1529	1534	rBV4	3882	6486	1.11%	0.200%
50	11.286	1535	1539	1540	rBV3	1772	2000	0.34%	0.062%
51	11.439	1558	1564	1572	rVB	28690	47433	8.14%	1.463%
52	11.512	1572	1576	1577	rBV3	760	1098	0.19%	0.034%
53	11.628	1589	1595	1604	rVB	41118	73198	12.56%	2.257%
54	11.835	1624	1629	1632	rVV4	2563	3778	0.65%	0.117%
55	11.878	1632	1636	1647	rVB10	3604	8205	1.41%	0.253%
56	12.006	1655	1657	1659	rBV3	553	702	0.12%	0.022%
57	12.036	1659	1662	1665	rBV3	704	869	0.15%	0.027%
58	12.128	1671	1677	1682	rBV7	2373	5029	0.86%	0.155%
59	12.195	1684	1688	1693	rBV4	1904	2083	0.36%	0.064%
60	12.304	1702	1706	1707	rBV4	1158	1454	0.25%	0.045%
61	12.438	1725	1728	1731	rBV4	1675	2152	0.37%	0.066%
62	12.566	1746	1749	1750	rBV3	1150	1314	0.23%	0.041%
63	12.609	1750	1756	1763	rVB	67957	111191	19.08%	3.429%
64	12.695	1763	1770	1778	rVB	55376	93498	16.05%	2.883%
65	12.780	1778	1784	1790	rVB5	3973	7832	1.34%	0.242%
66	12.853	1793	1796	1797	rBV3	839	818	0.14%	0.025%
67	12.932	1804	1809	1818	rBV3	8459	14977	2.57%	0.462%
68	13.036	1824	1826	1829	rVB3	877	829	0.14%	0.026%
69	13.066	1829	1831	1833	rBV2	1469	1586	0.27%	0.049%
70	13.170	1843	1848	1849	rBV3	2132	3659	0.63%	0.113%
71	13.194	1849	1852	1859	rVB5	3372	4855	0.83%	0.150%

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ClientSampleId :
C0BM2

Integration Parameters: LSCINT.P

Integrator: RTE
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72	13.298	1861	1869	1879	rVB3	9165	16061	2.76%	0.495%
73	13.408	1879	1887	1891	rBV3	5749	10979	1.88%	0.339%
74	13.475	1896	1898	1899	rBV2	917	719	0.12%	0.022%
75	13.505	1901	1903	1907	rVV4	1392	1988	0.34%	0.061%
76	13.554	1907	1911	1916	rVV2	9720	15871	2.72%	0.489%
77	13.603	1916	1919	1924	rVB4	3298	6403	1.10%	0.197%
78	13.682	1930	1932	1938	rVB6	783	1040	0.18%	0.032%
79	13.761	1940	1945	1949	rBV7	3200	6536	1.12%	0.202%
80	13.792	1949	1950	1955	rVB4	1402	1411	0.24%	0.044%
81	13.853	1955	1960	1968	rBV2	14108	32000	5.49%	0.987%
82	14.011	1984	1986	1990	rVV4	2008	2755	0.47%	0.085%
83	14.072	1990	1996	2002	rVB2	18047	31576	5.42%	0.974%
84	14.194	2010	2016	2022	rBV7	2605	5650	0.97%	0.174%
85	14.298	2030	2033	2035	rBV3	1252	1858	0.32%	0.057%
86	14.328	2035	2038	2041	rVV3	1946	2880	0.49%	0.089%
87	14.505	2064	2067	2068	rBV3	905	817	0.14%	0.025%
88	14.725	2101	2103	2108	rVB4	1725	2577	0.44%	0.079%
89	14.773	2108	2111	2112	rBV2	576	663	0.11%	0.020%
90	14.840	2117	2122	2127	rVV7	1083	1981	0.34%	0.061%
91	14.908	2131	2133	2136	rBV3	704	769	0.13%	0.024%
92	15.060	2155	2158	2161	rVB4	508	748	0.13%	0.023%
93	15.121	2166	2168	2172	rVB3	940	1060	0.18%	0.033%
94	15.334	2199	2203	2207	rVB3	1455	2181	0.37%	0.067%
95	15.438	2210	2220	2224	rBV	13292	22942	3.94%	0.707%
96	15.487	2226	2228	2229	rBV2	1030	1023	0.18%	0.032%
97	15.761	2270	2273	2275	rBV3	1322	1803	0.31%	0.056%
98	15.913	2296	2298	2299	rBV2	999	693	0.12%	0.021%
99	16.218	2345	2348	2350	rBV2	608	763	0.13%	0.024%
100	16.426	2380	2382	2386	rVB3	569	803	0.14%	0.025%

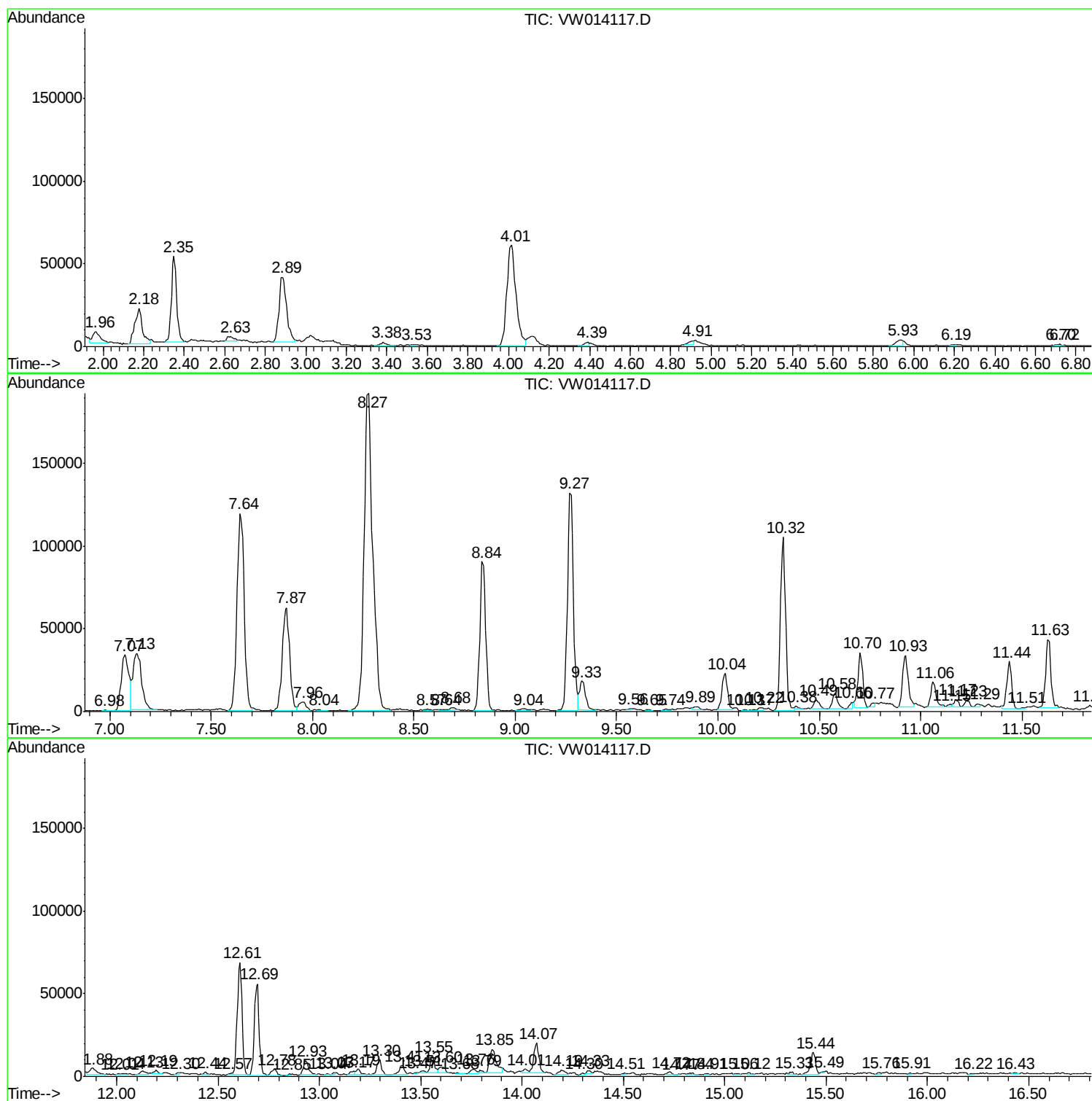
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Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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



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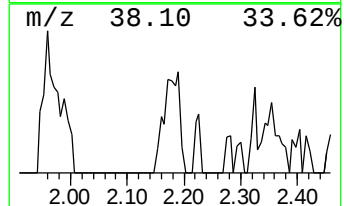
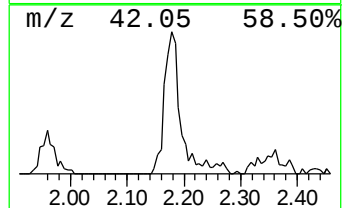
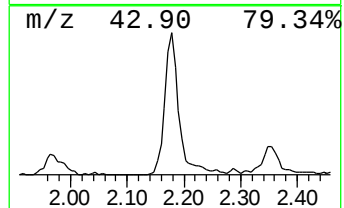
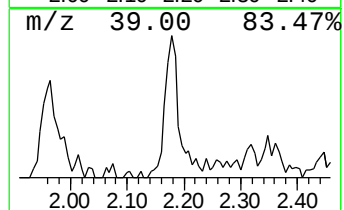
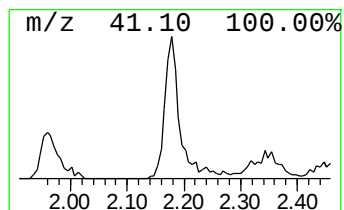
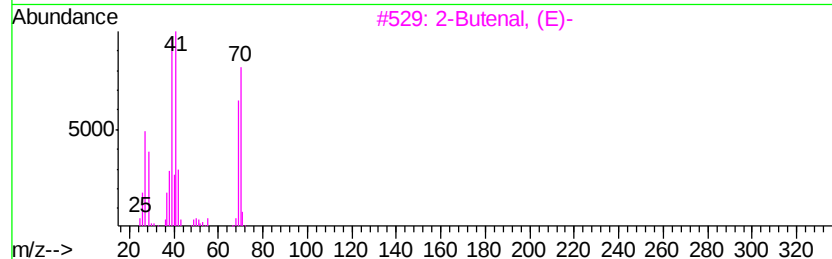
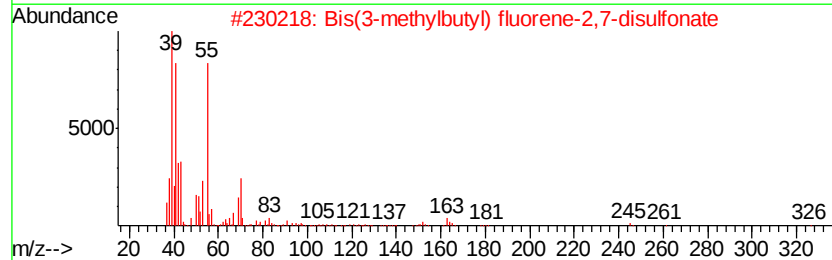
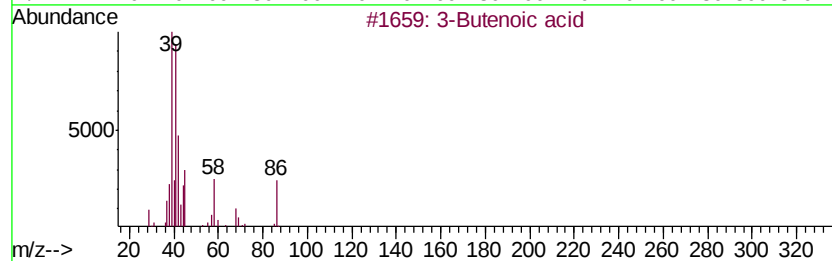
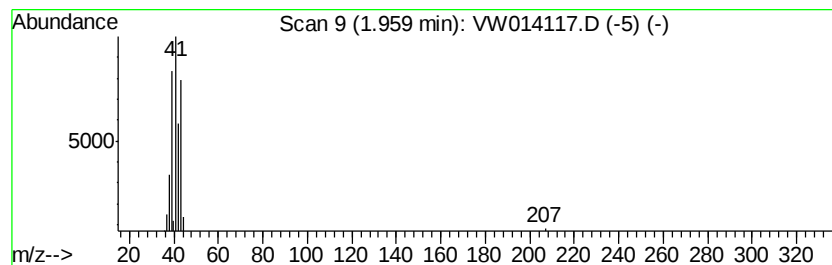
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 1 3-Butenoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	2.25 ug/L	16181	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Butenoic acid	86	C4H6O2	000625-38-7	78
2			Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8	72
3			2-Butenal, (E)-	70	C4H6O	000123-73-9	72
4			N-Methyl-7-azabicyclo(2,2,1)hept...	109	C7H11N	055590-26-6	64
5			2H-Thiopyran-3(6H)-one	114	C5H6OS	029431-30-9	43



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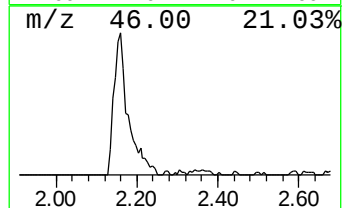
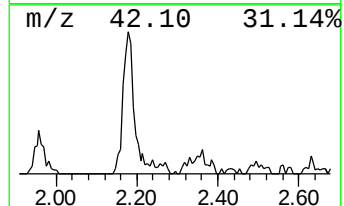
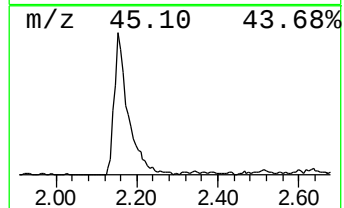
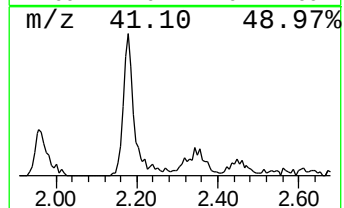
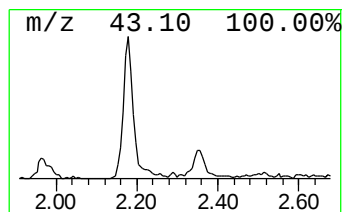
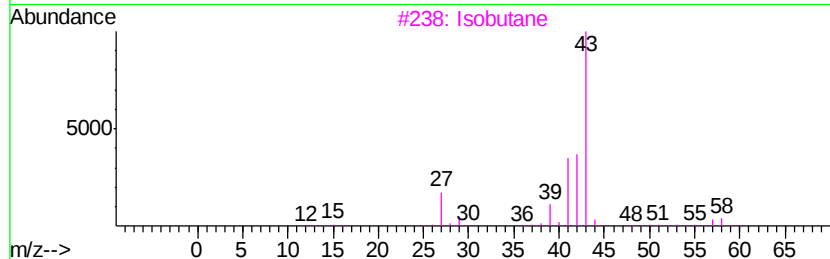
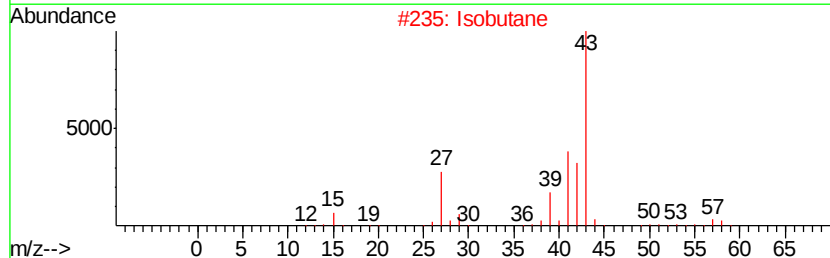
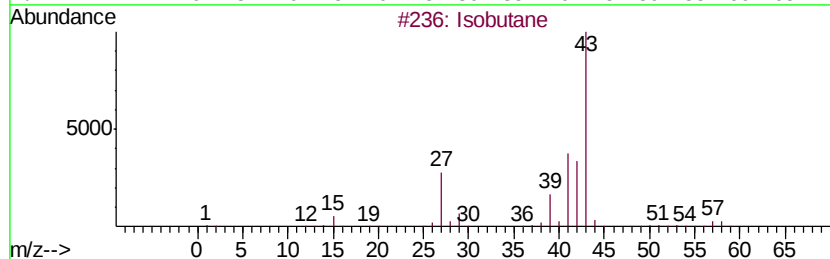
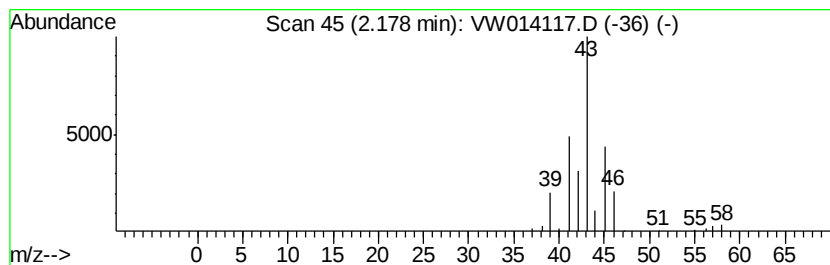
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	7.77 ug/L	55777	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutane	58	C4H10	000075-28-5	25
2			Isobutane	58	C4H10	000075-28-5	25
3			Isobutane	58	C4H10	000075-28-5	16
4			Isobutane	58	C4H10	000075-28-5	9
5			Ethanol	46	C2H6O	000064-17-5	7



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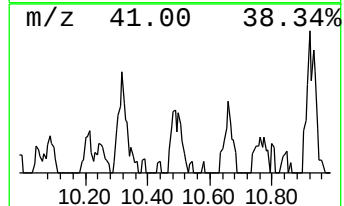
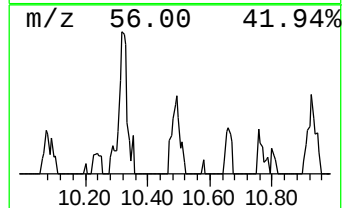
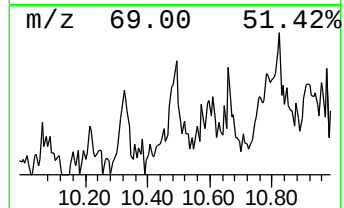
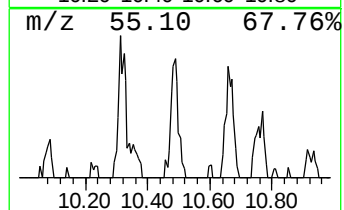
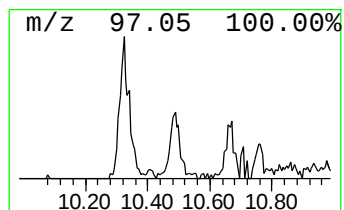
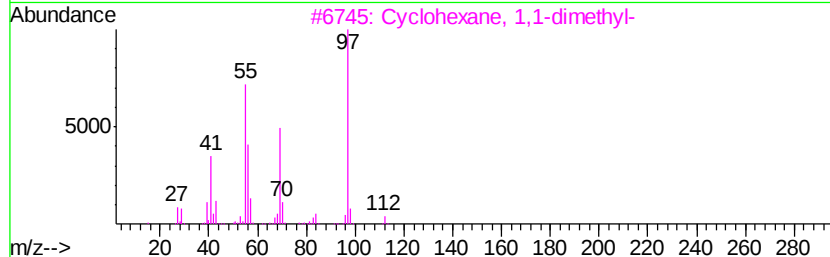
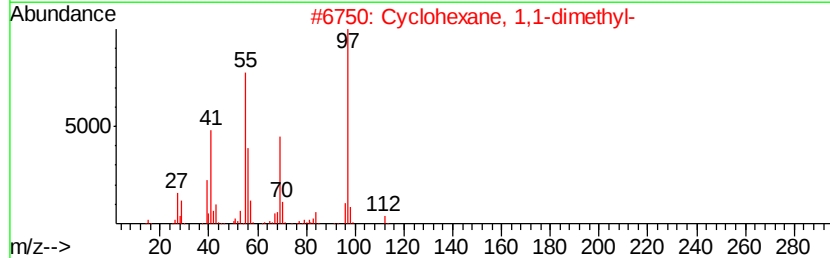
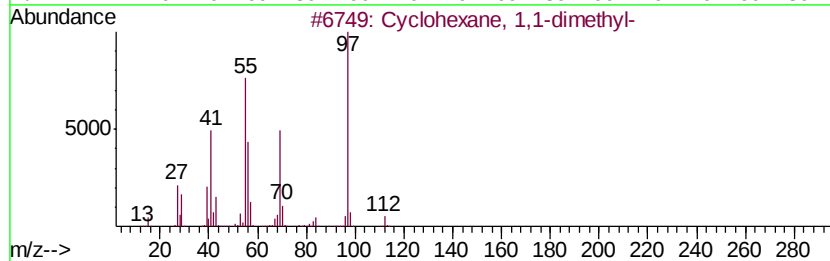
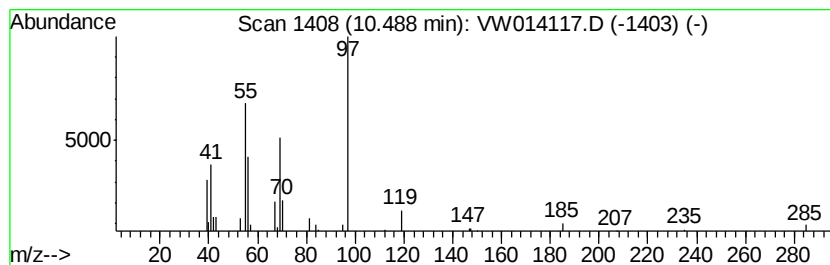
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic10.49 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	3.83 ug/L	11221	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	52
2		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	52
3		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	52
4		2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	47
5		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

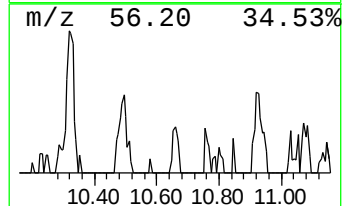
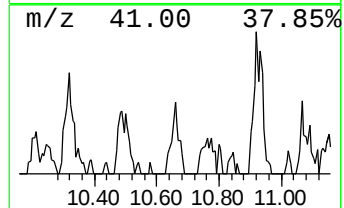
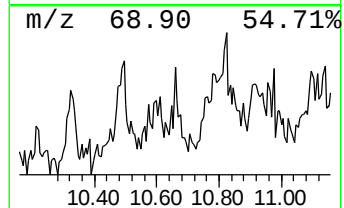
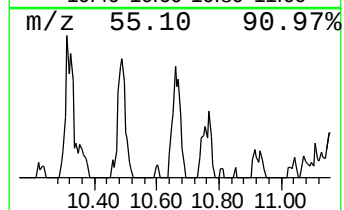
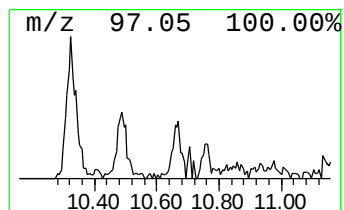
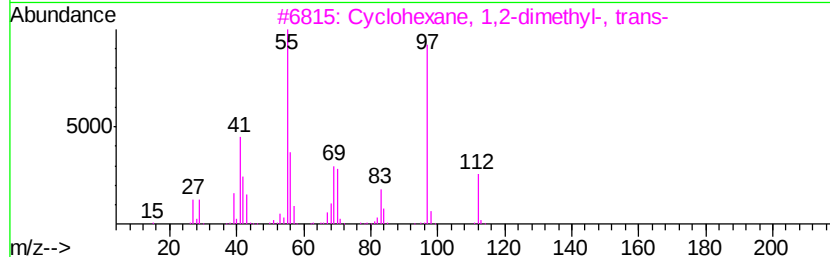
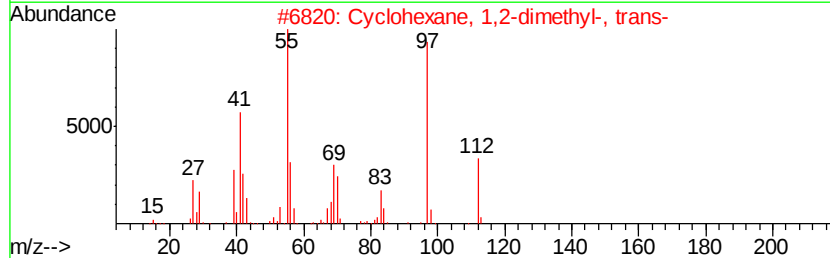
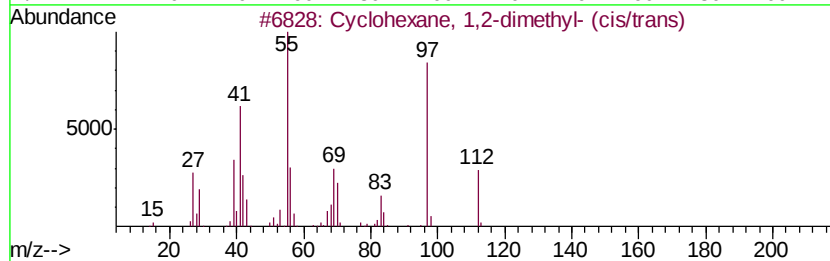
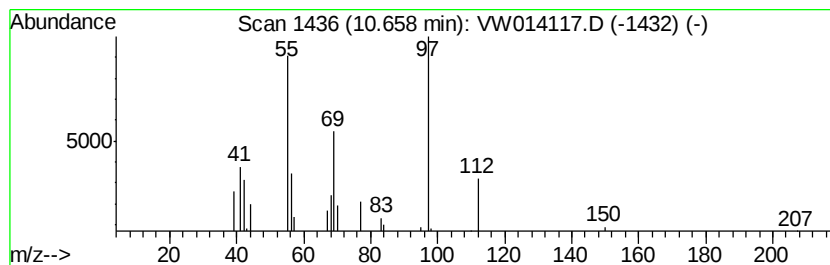
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic10.66 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	1.53 ug/L	4467	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	76
2		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	68
3		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	62
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	62
5		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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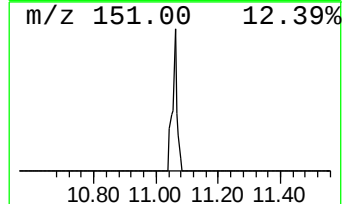
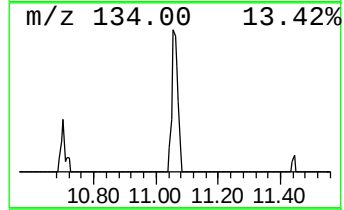
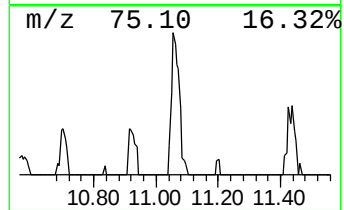
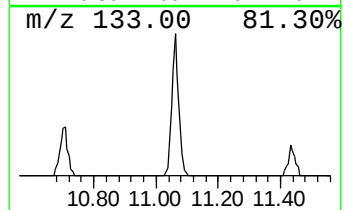
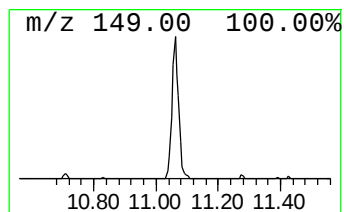
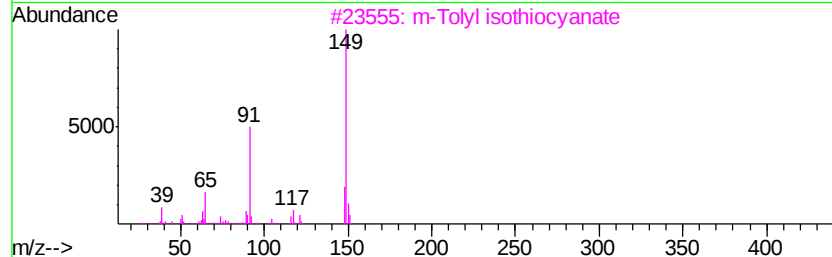
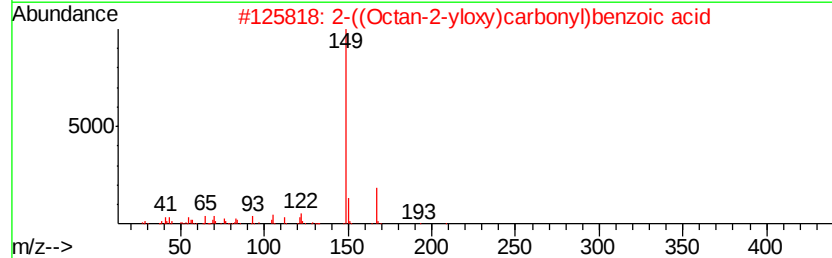
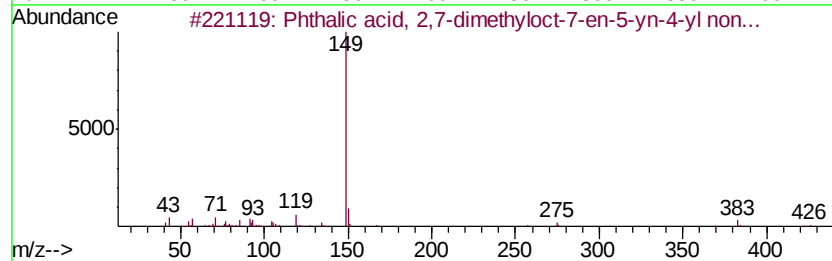
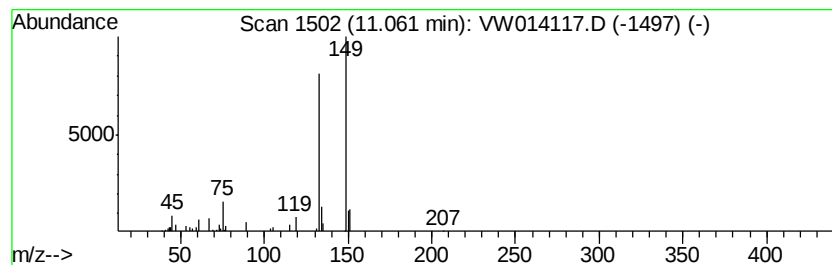
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Quant Title : VOC Analysis

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

Peak Number 8 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	9.36 ug/L	27409	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 2,7-dimethyloct-7...	426	C27H38O4	1000315-49-4	35
2		2-((Octan-2-yloxy)carbonyl)benzo...	278	C16H22O4	1000373-83-2	27
3		m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	25
4		Silane, diethoxymethyloctadecyl-	386	C23H50O2Si	067859-75-0	25
5		1H-Benzotriazole, 5-methoxy-	149	C7H7N3O	027799-91-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

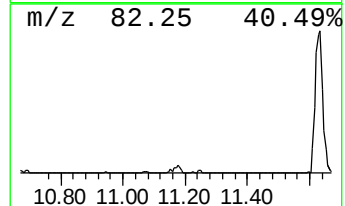
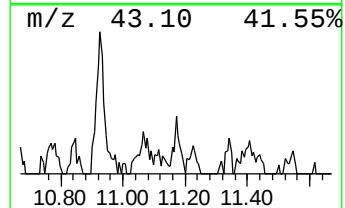
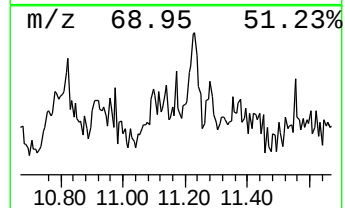
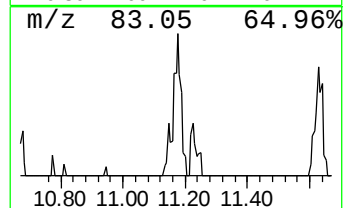
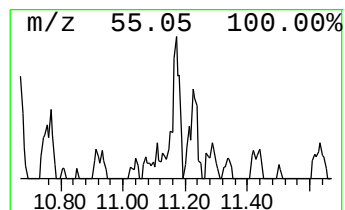
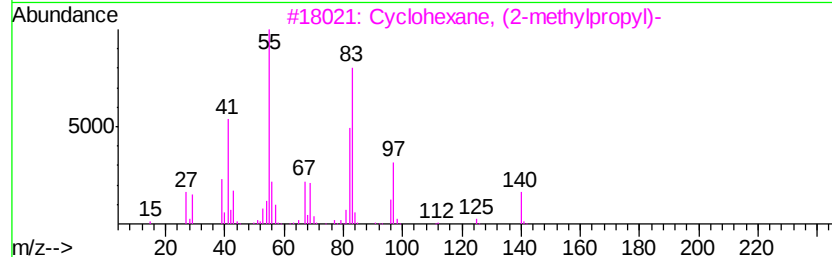
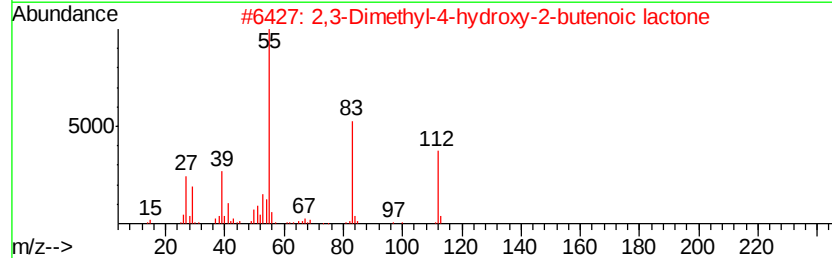
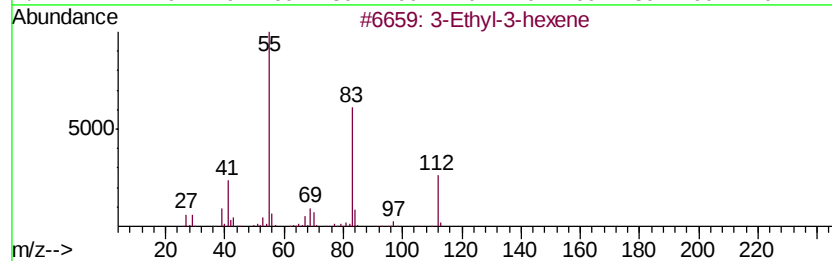
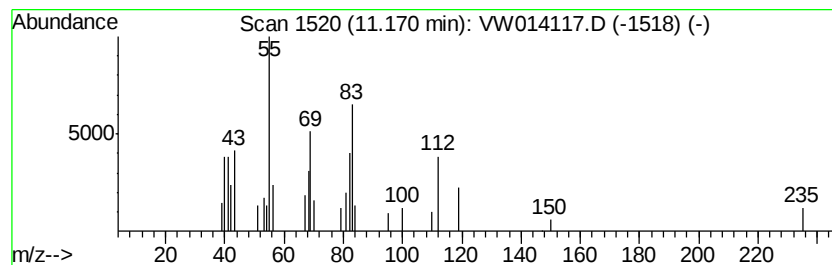
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic11.17 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	2.24 ug/L	6571	Chlorobenzene-d5	11.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Ethyl-3-hexene	112 C8H16	016789-51-8	35
2	2,3-Dimethyl-4-hydroxy-2-butenoi...	112 C6H8O2	001575-46-8	30
3	Cyclohexane, (2-methylpropyl)-	140 C10H20	001678-98-4	27
4	4-Ethyl-2-hexene	112 C8H16	019780-46-2	27
5	4-Octene, (E)-	112 C8H16	014850-23-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

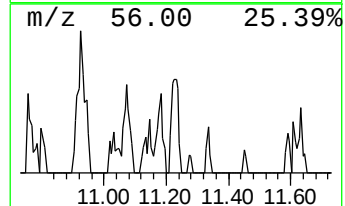
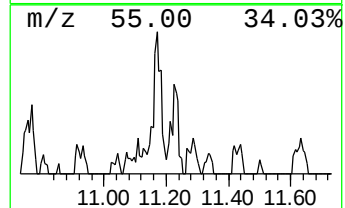
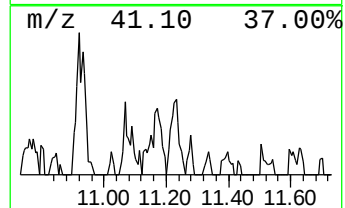
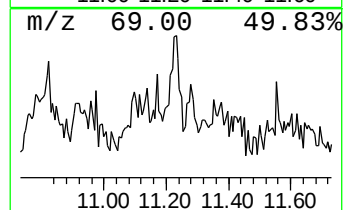
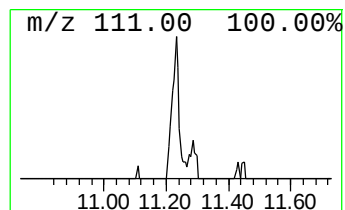
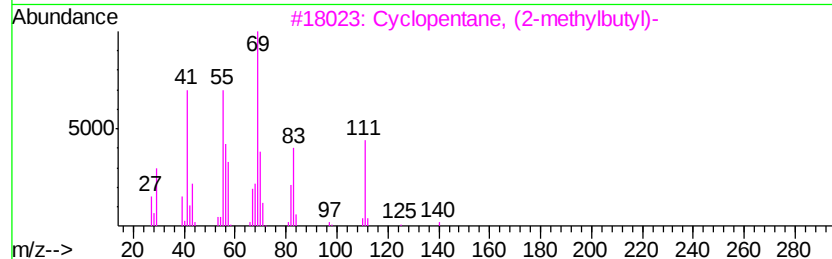
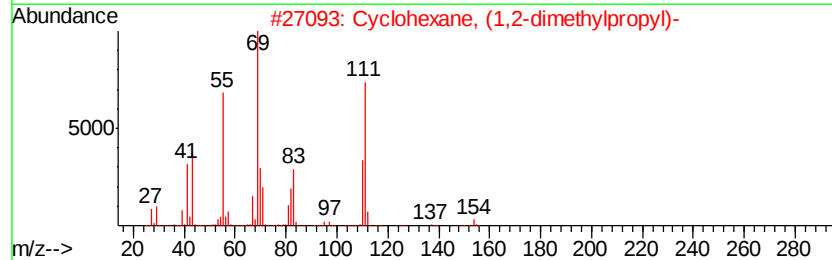
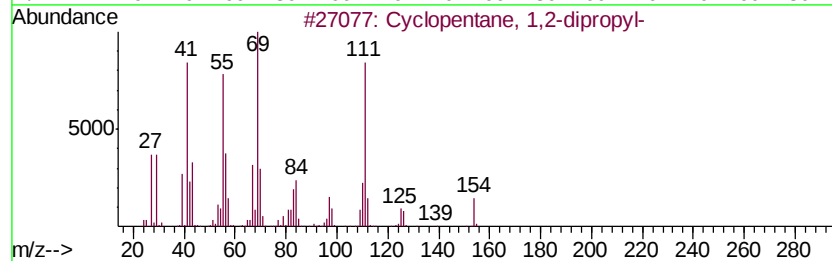
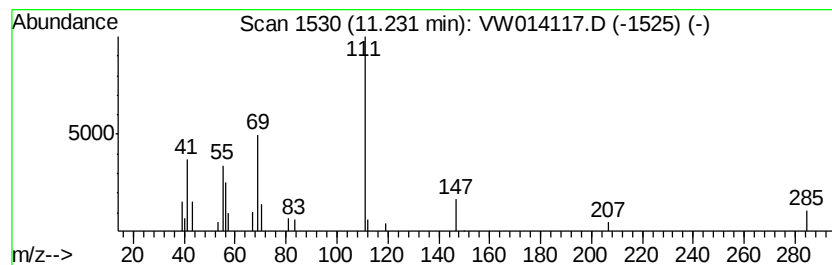
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic11.23 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.23	2.22 ug/L	6486	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	53
2		Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	53
3		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
4		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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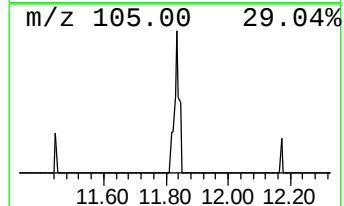
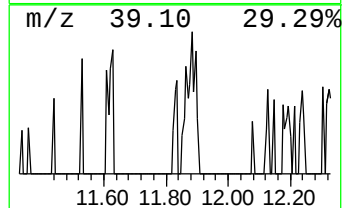
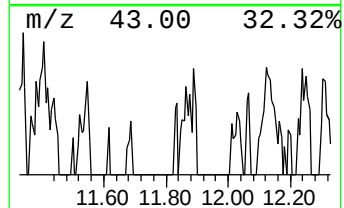
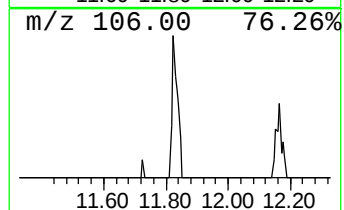
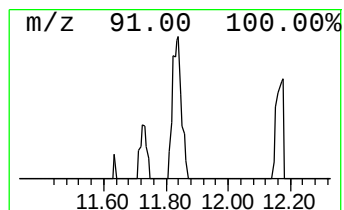
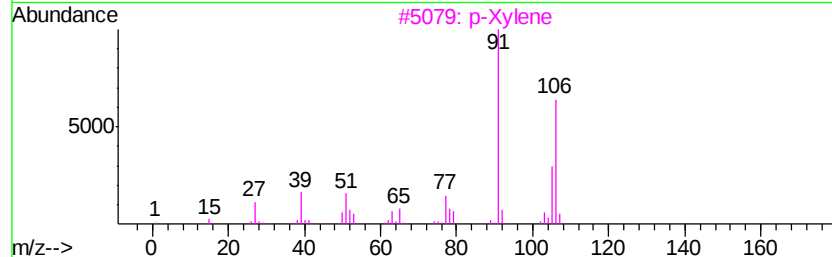
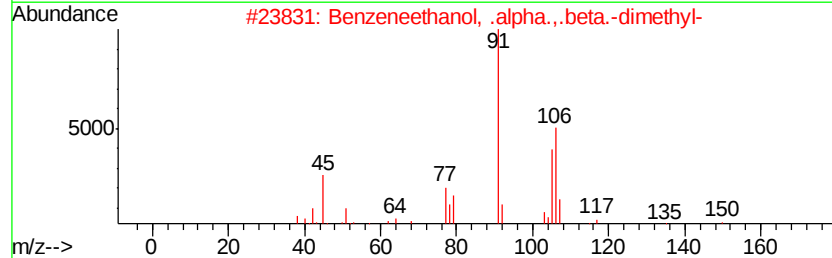
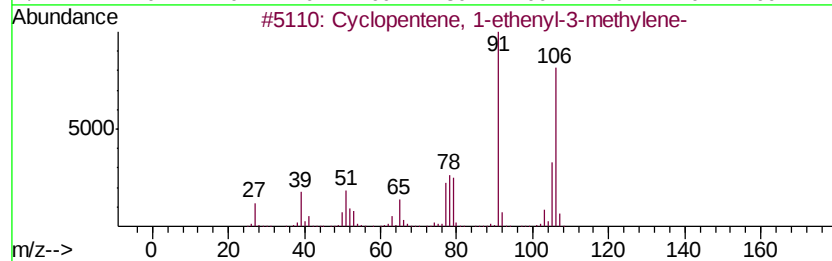
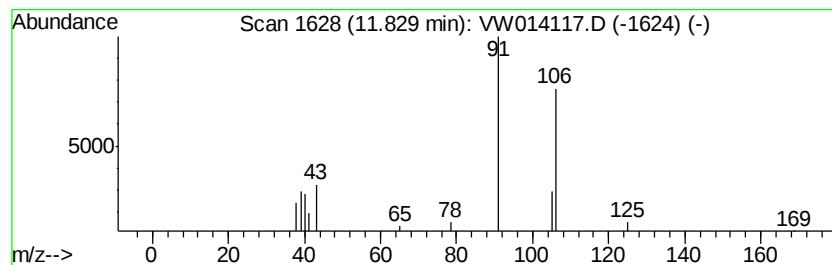
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Quant Title : VOC Analysis

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

Peak Number 12 unknown-02 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	1.29 ug/L	3778	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	10
2		Benzeneethanol, .alpha.,.beta.-d...	150	C10H14O	052089-32-4	9
3		p-Xylene	106	C8H10	000106-42-3	7
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	7
5		p-Xylene	106	C8H10	000106-42-3	7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

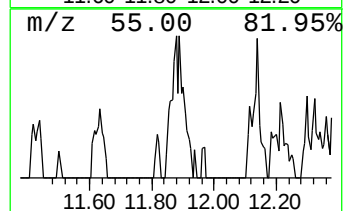
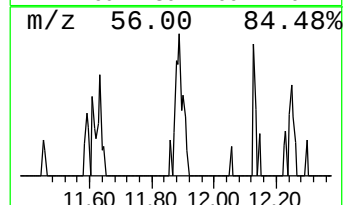
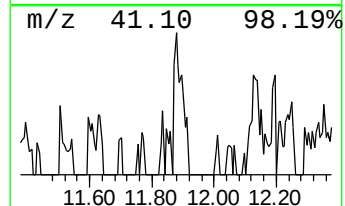
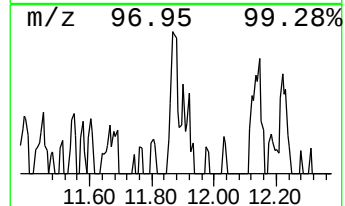
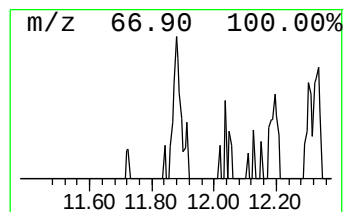
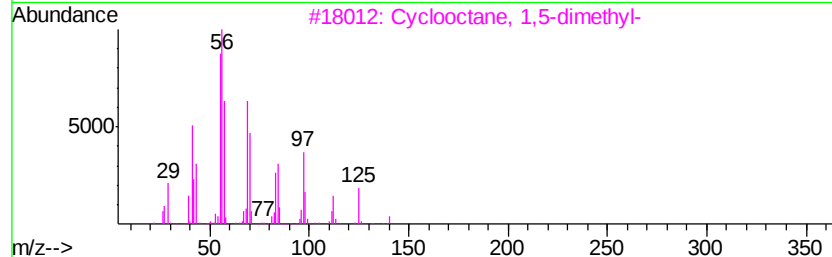
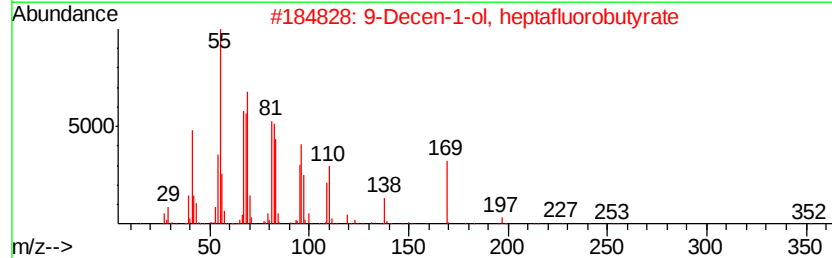
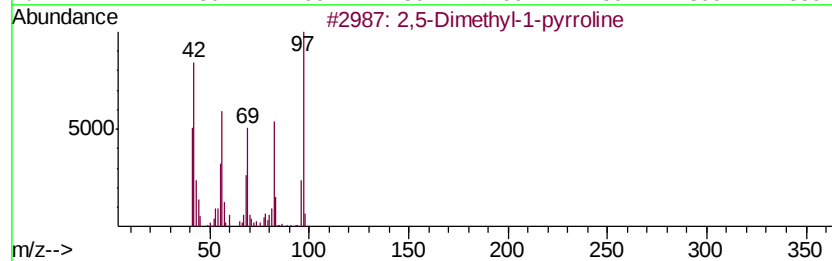
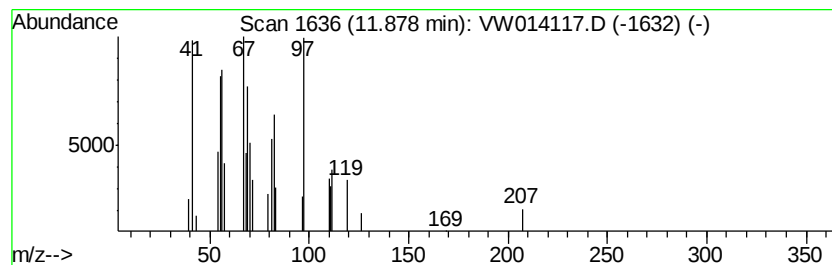
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Quant Title : VOC Analysis

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

Peak Number 13 unknown-03 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.80 ug/L	8205	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	46
2		9-Decen-1-ol, heptafluorobutyrate	352	C14H19F7O2	1000352-65-4	27
3		Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	27
4		2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	25
5		(Z)-4-Decen-1-ol, pentafluoropro...	302	C13H19F5O2	1000352-33-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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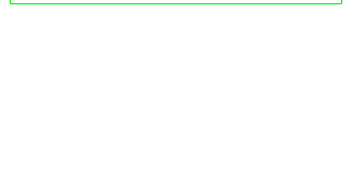
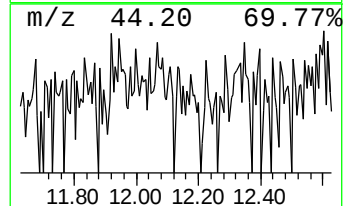
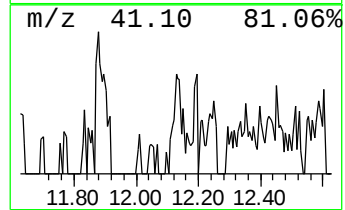
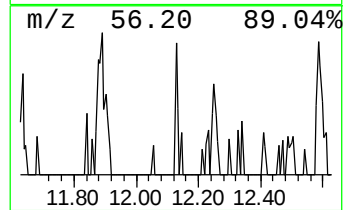
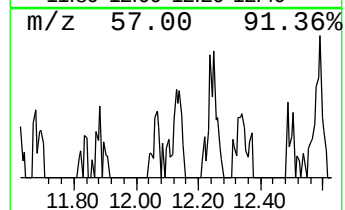
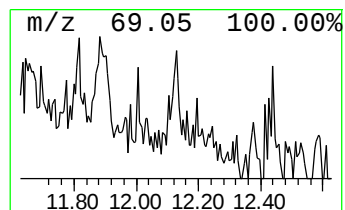
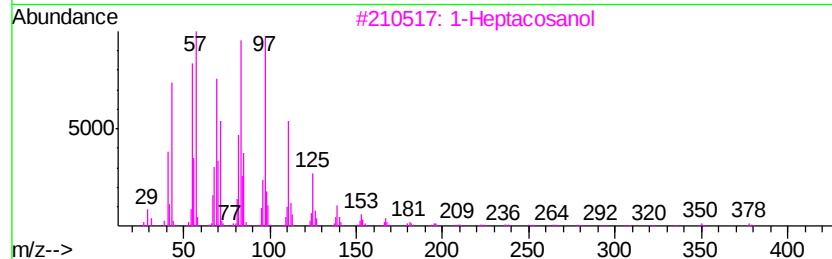
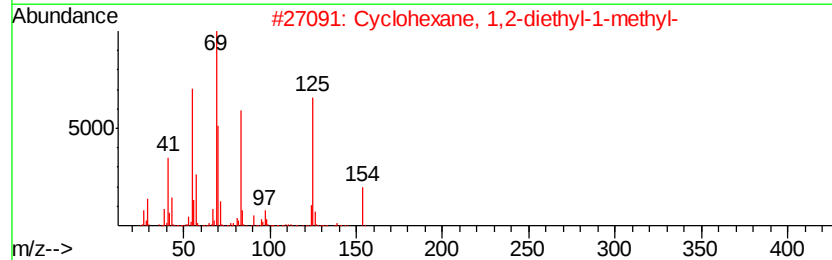
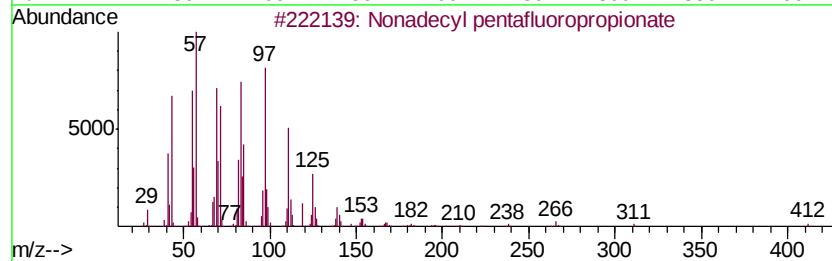
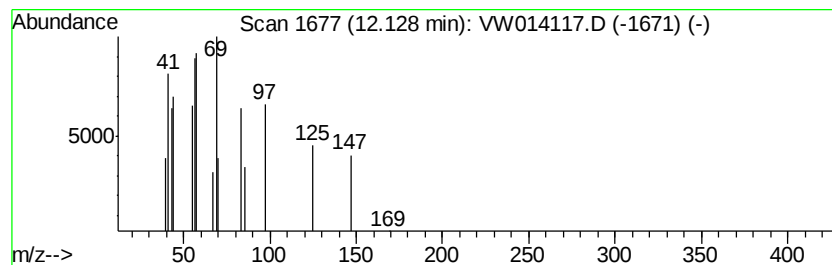
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Quant Title : VOC Analysis

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

Peak Number 14 unknown-04 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	1.72 ug/L	5029	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	27
2		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	25
3		1-Heptacosanol	396	C27H56O	002004-39-9	22
4		3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	22
5		Octacosanol	410	C28H58O	000557-61-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
 Data File : VW014117.D
 Acq On : 25 Nov 2019 17:47
 Operator : SY/VA
 Sample : K6007-16
 Misc : 3.20G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
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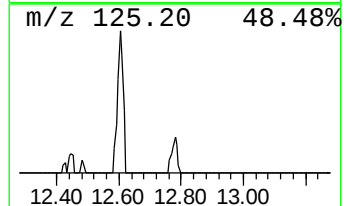
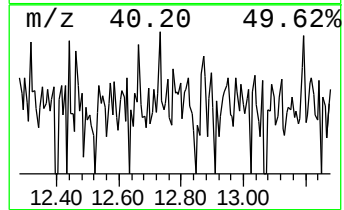
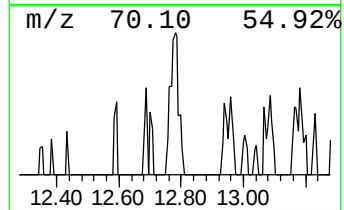
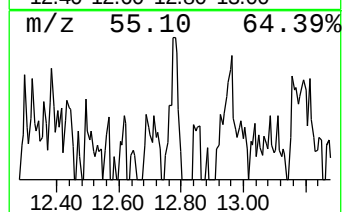
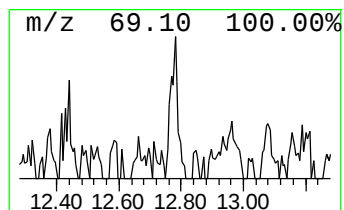
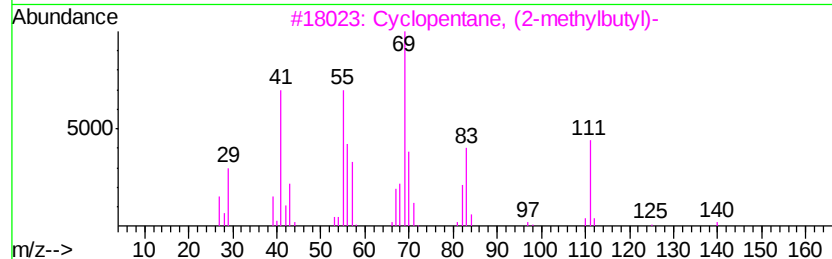
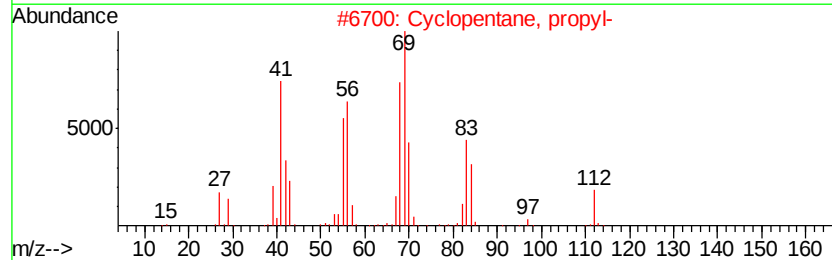
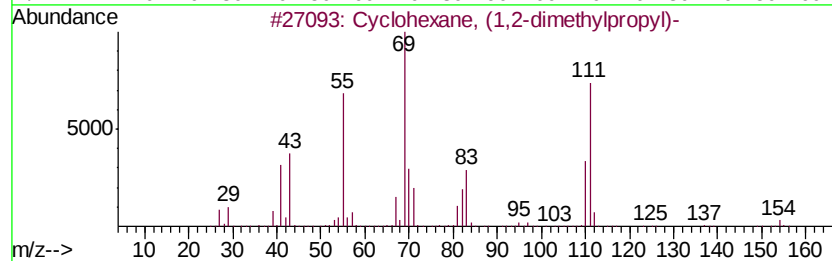
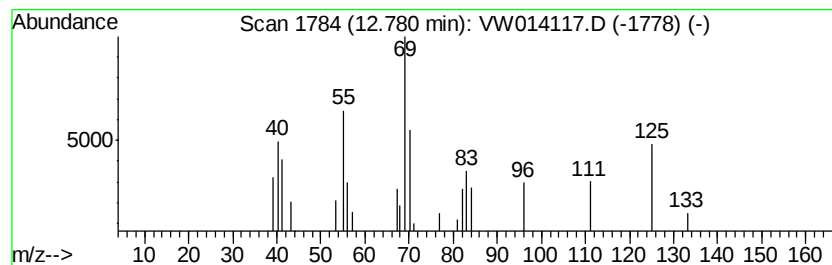
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 Quant Title : VOC Analysis

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

 Peak Number 16 (DEL) Alkane: Cyclic12.78 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	12.34 ug/L	7832	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	47
2			Cyclopentane, propyl-	112	C8H16	002040-96-2	47
3			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	43
4			Cyclopentane, butyl-	126	C9H18	002040-95-1	40
5			Cyclooctane, methyl-	126	C9H18	001502-38-1	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

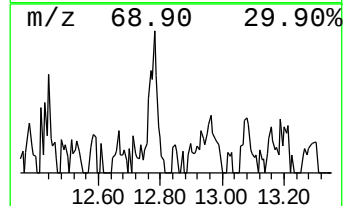
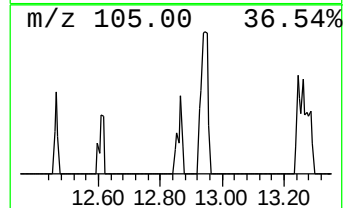
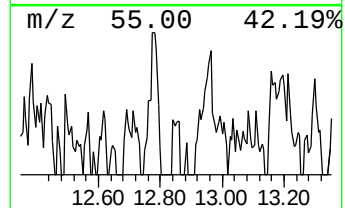
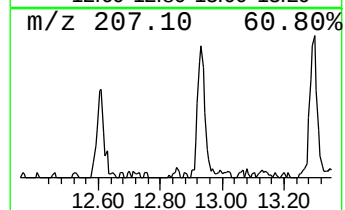
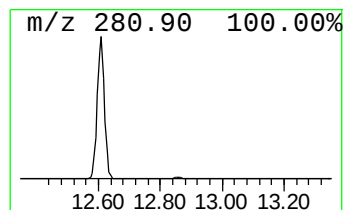
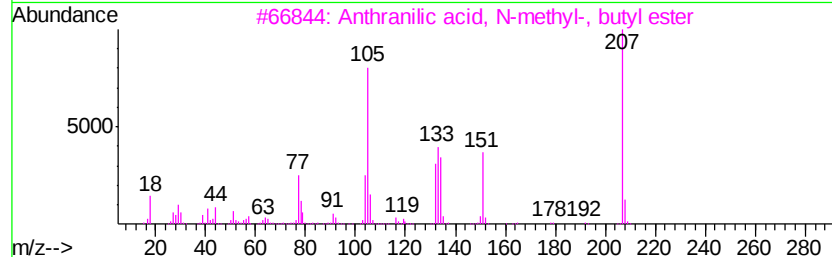
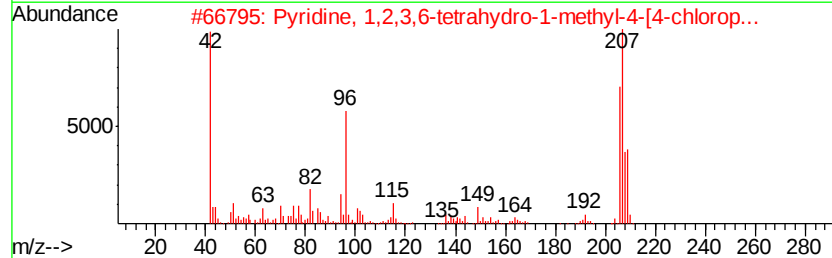
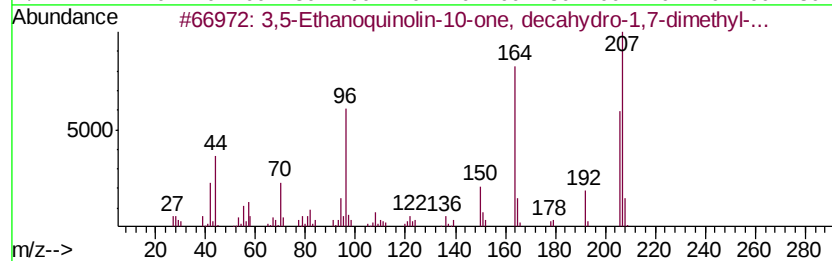
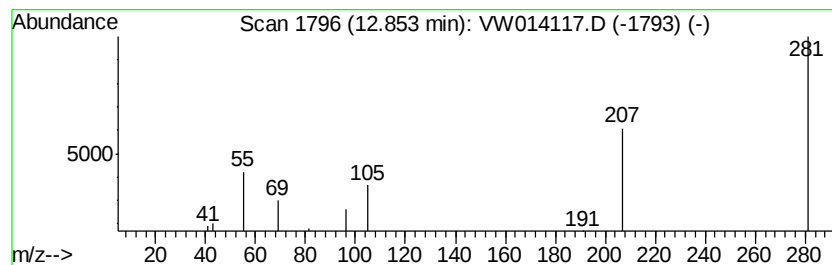
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Quant Title : VOC Analysis

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

Peak Number 17 unknown-05 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	1.29 ug/L	818	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Ethanoquinolin-10-one, decah...	207	C13H21NO	021041-42-9	4
2		Pyridine, 1,2,3,6-tetrahydro-1-m...	207	C12H14ClN	005048-08-8	4
3		Anthranilic acid, N-methyl-, but...	207	C12H17NO2	015236-34-7	4
4		2,3-Dihydroxy-6-nitroquinoxaline	207	C8H5N3O4	002379-56-8	4
5		2-1-Phenyl ethylidene-hydrazono-...	281	C16H15N3S	1000148-55-3	3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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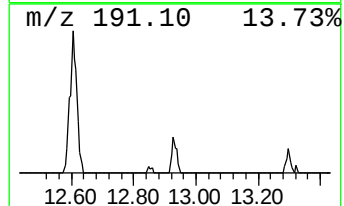
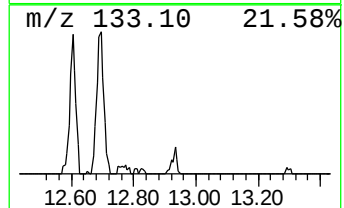
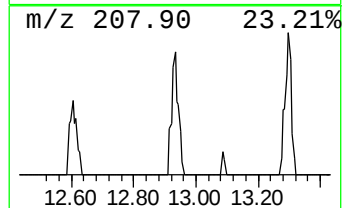
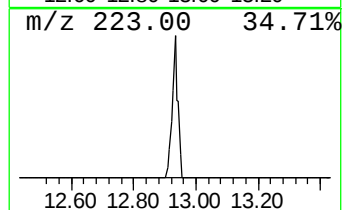
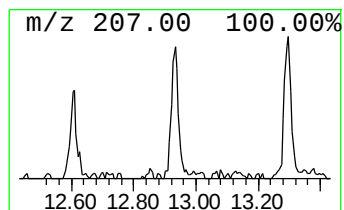
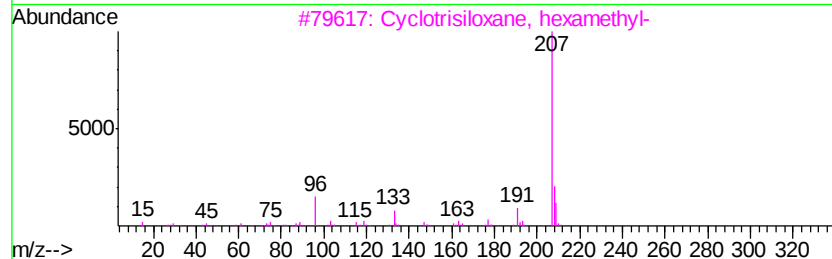
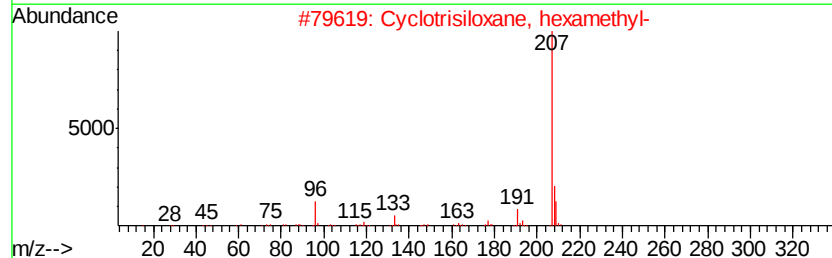
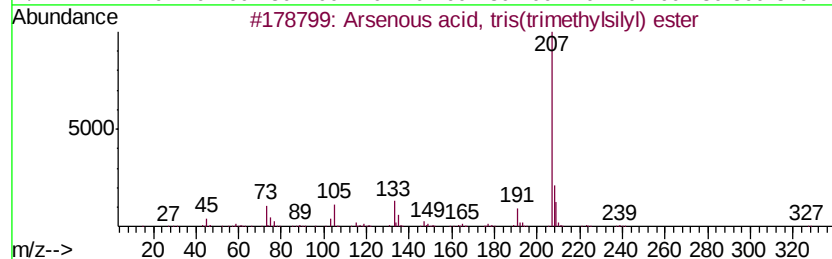
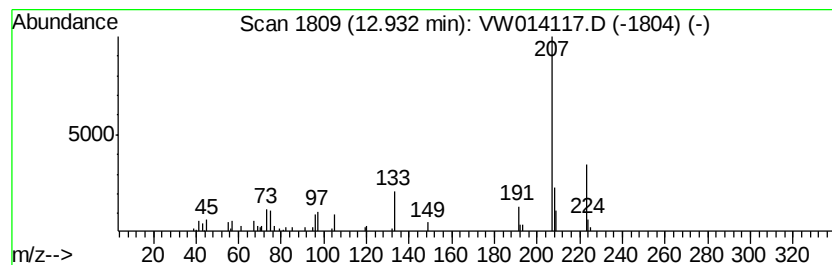
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Quant Title : VOC Analysis

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

Peak Number 18 Arsenous acid, tris(trimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	23.59 ug/L	14977	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	53
2		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	53
3		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	45
4		1,1,1,3,5,5,5-Heptamethyltrisilo...	222	C7H22O2Si3	001873-88-7	42
5		1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

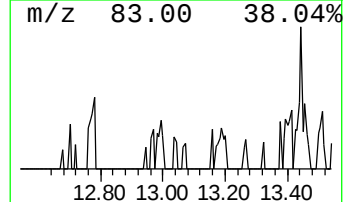
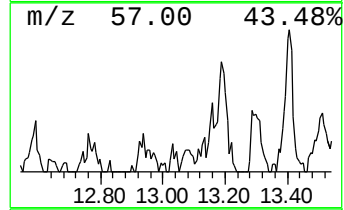
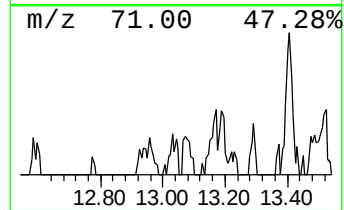
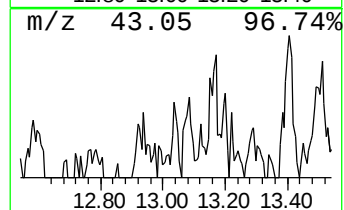
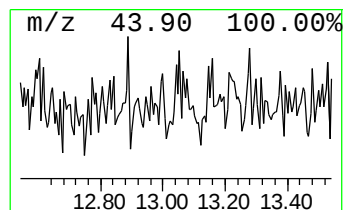
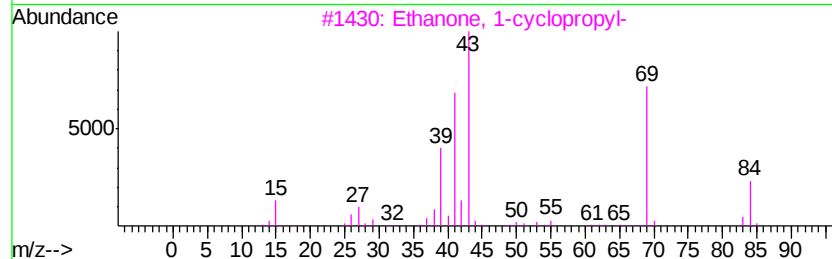
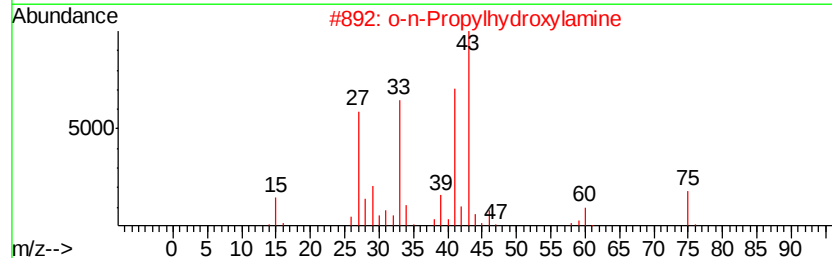
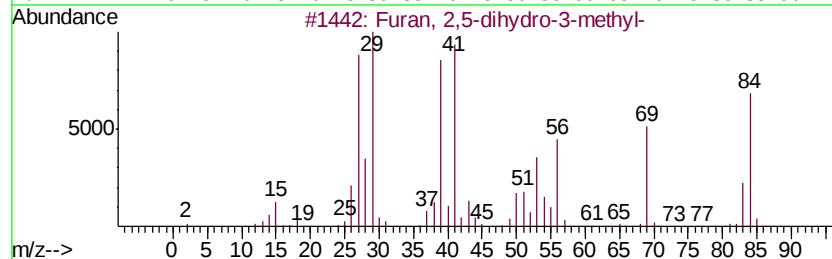
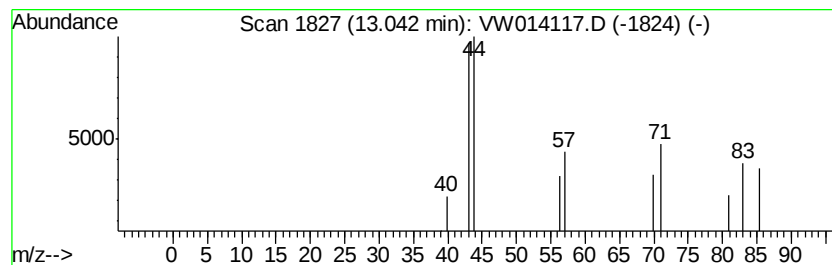
Instrument :
MSVOA_W
ClientSampleId :
C0BM2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 19 unknown-06 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	1.31 ug/L	829	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Furan, 2,5-dihydro-3-methyl-	84 C5H8O	001708-31-2 7
2		o-n-Propylhydroxylamine	75 C3H9NO	1000322-42-7 7
3		Ethanone, 1-cyclopropyl-	84 C5H8O	000765-43-5 5
4		Ethanone, 1-cyclopropyl-	84 C5H8O	000765-43-5 5
5		Vinyl ether	70 C4H6O	000109-93-3 4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

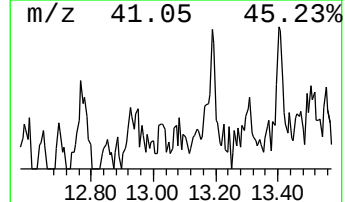
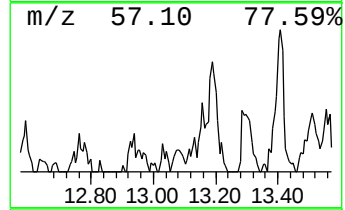
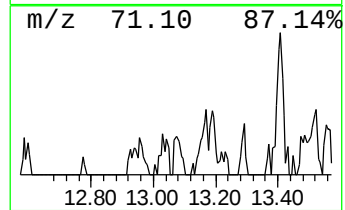
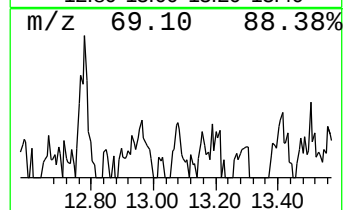
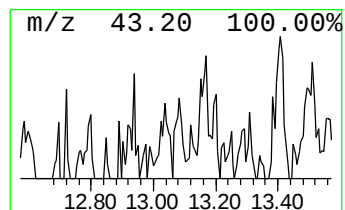
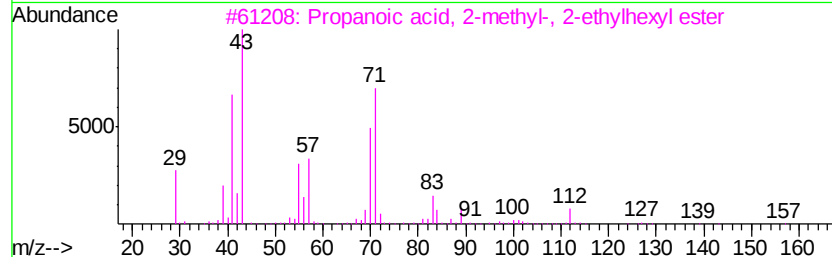
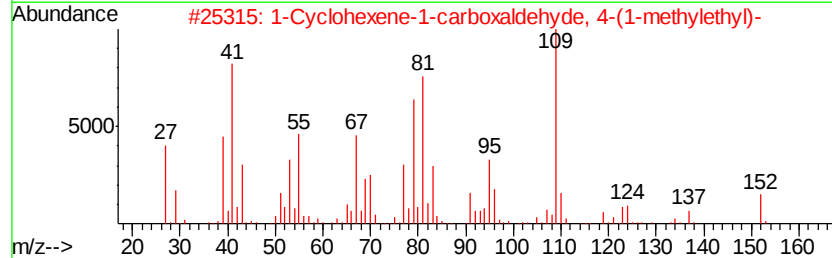
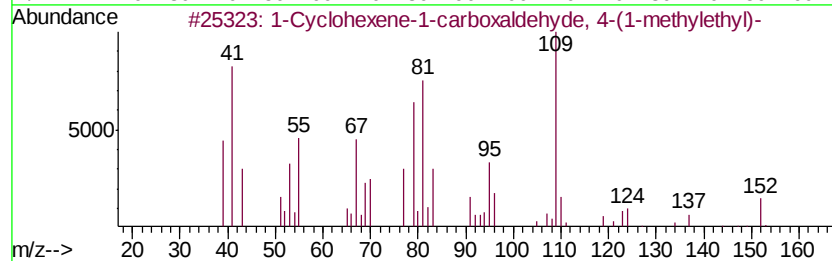
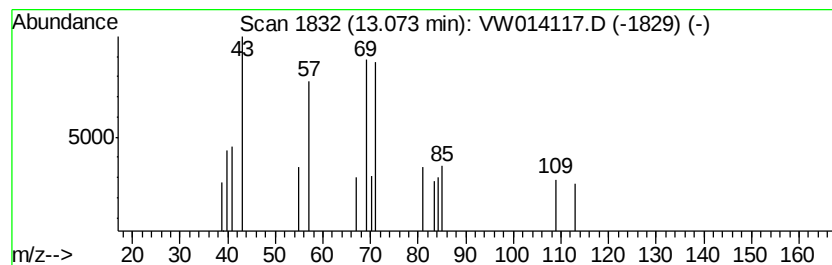
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Quant Title : VOC Analysis

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

Peak Number 20 unknown-07 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.50 ug/L	1586	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	021391-98-0	35
2			1-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	021391-98-0	22
3			Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	12
4			9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	12
5			(Z)-8-Hydroxy-4,7-dimethyl-oct-6...	168	C10H16O2	106542-12-5	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

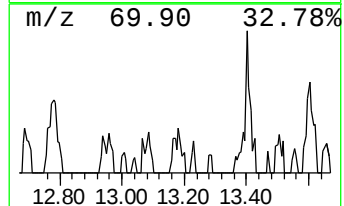
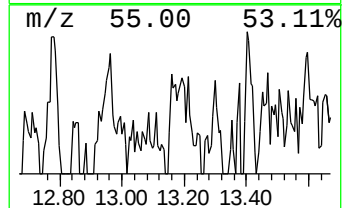
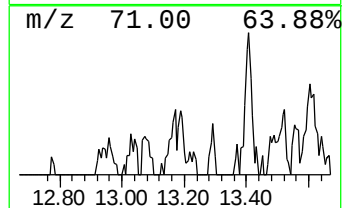
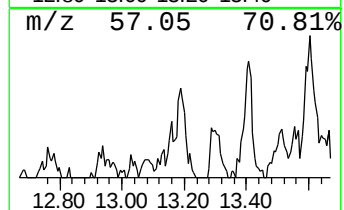
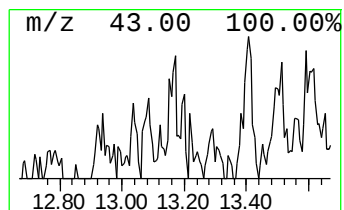
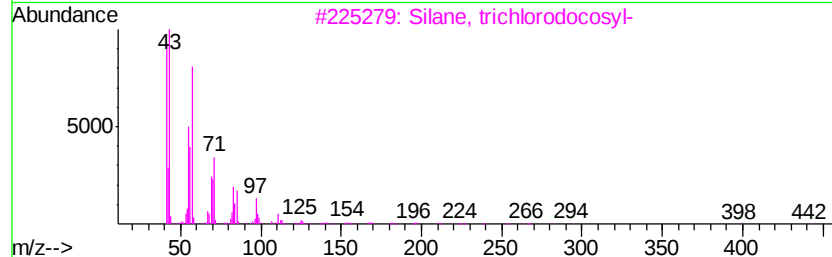
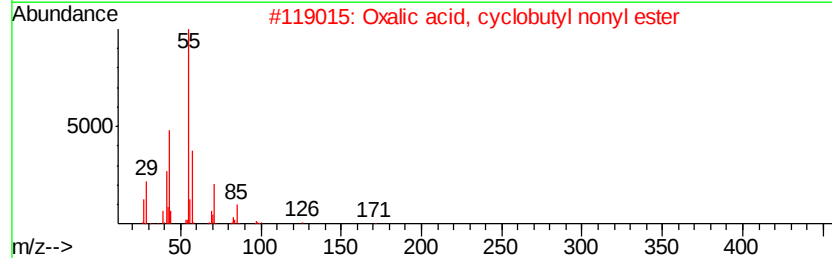
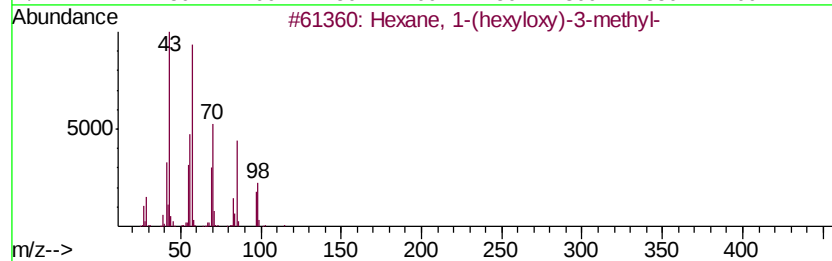
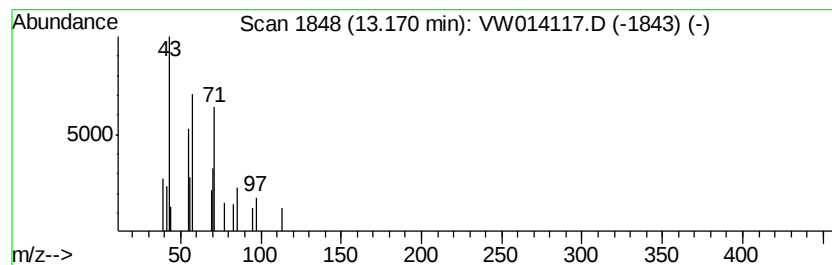
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Quant Title : VOC Analysis

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

Peak Number 21 unknown-08 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	5.76 ug/L	3659	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	47
2		Oxalic acid, cyclobutyl nonyl ester	270	C15H26O4	1000309-70-0	43
3		Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	43
4		Octyl thioglycolate	204	C10H20O2S	007664-80-4	40
5		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

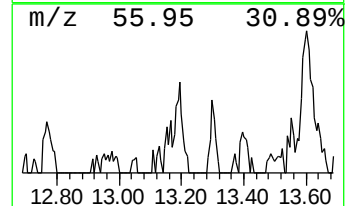
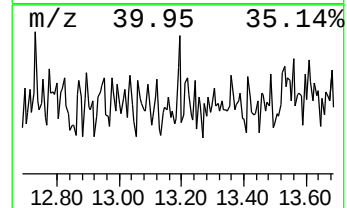
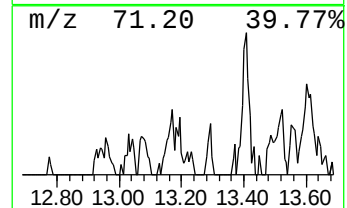
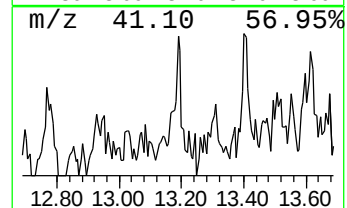
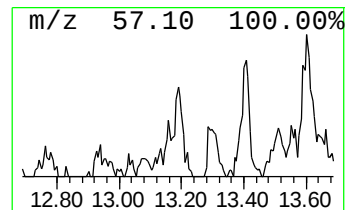
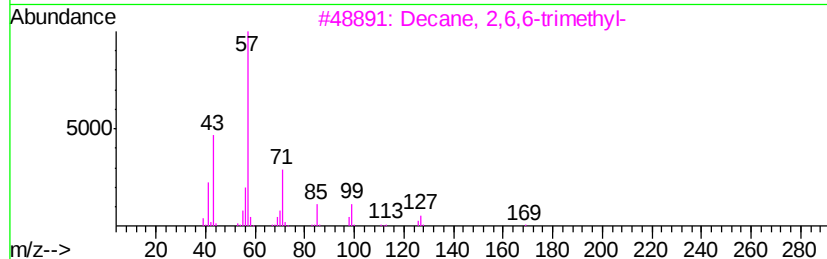
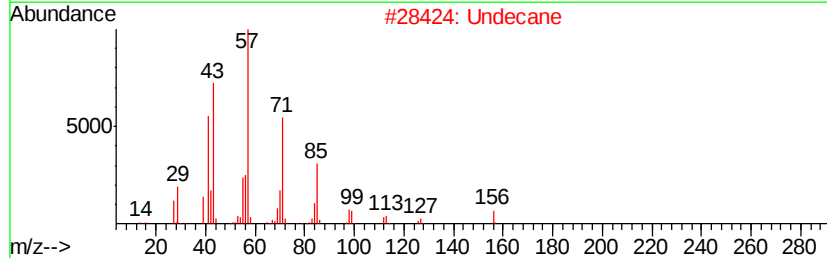
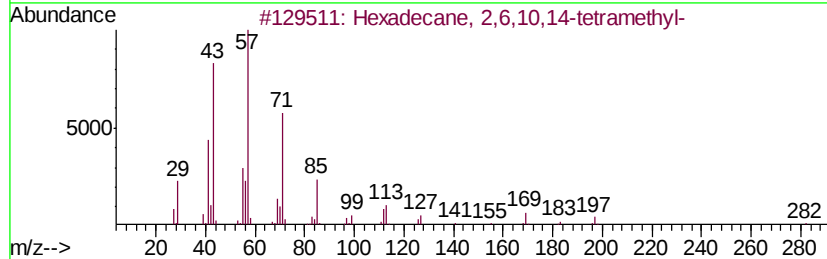
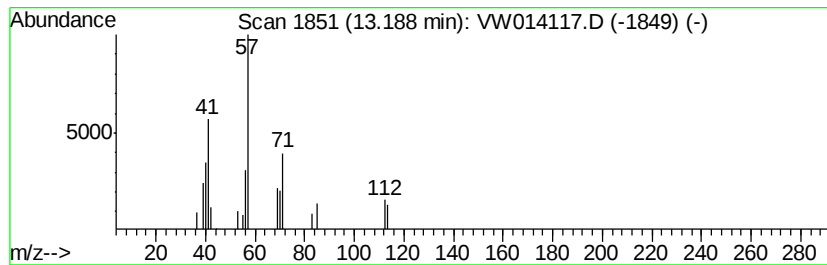
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	7.65 ug/L	4855	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	40
2			Undecane	156	C11H24	001120-21-4	38
3			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	37
4			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	33
5			Octane, 4-ethyl-	142	C10H22	015869-86-0	33



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

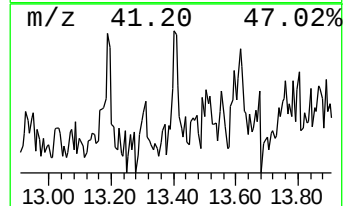
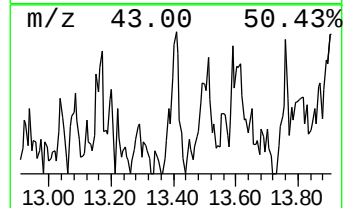
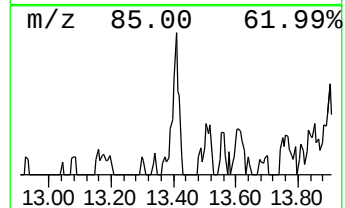
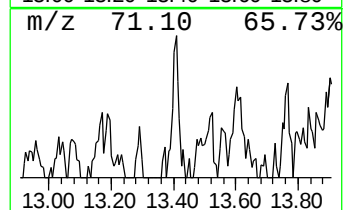
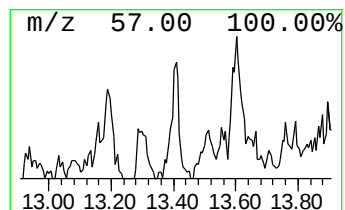
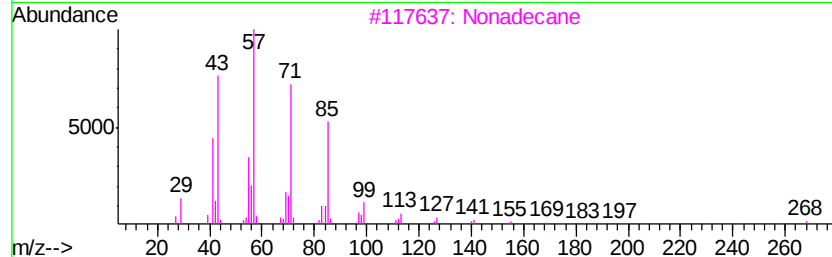
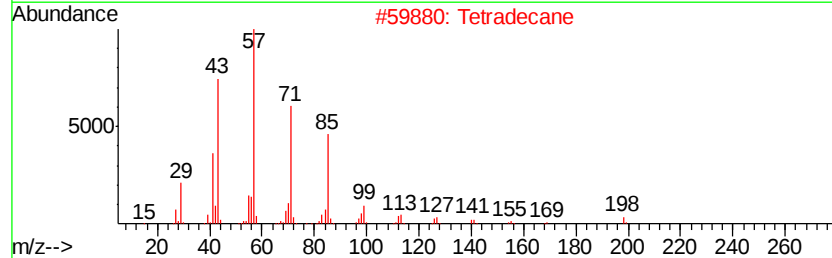
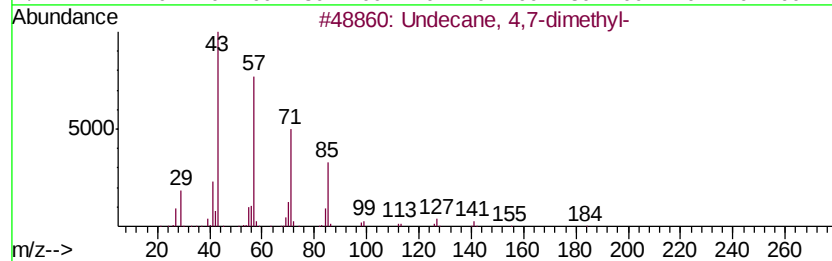
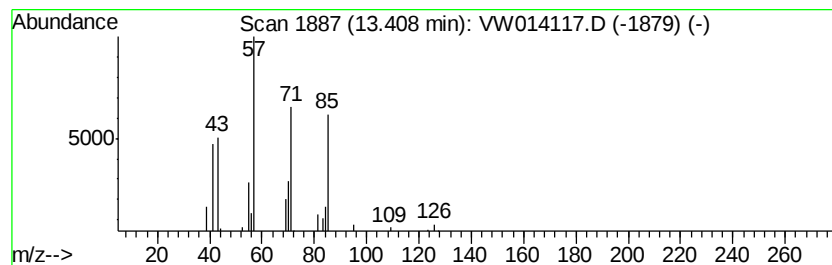
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	17.29 ug/L	10979	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	64
2		Tetradecane	198	C14H30	000629-59-4	64
3		Nonadecane	268	C19H40	000629-92-5	59
4		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

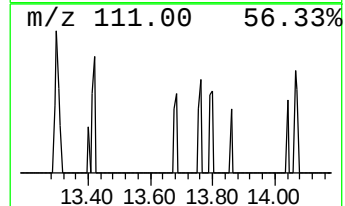
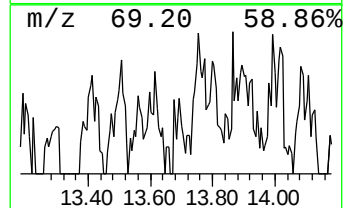
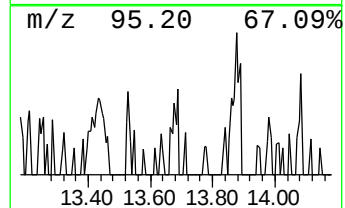
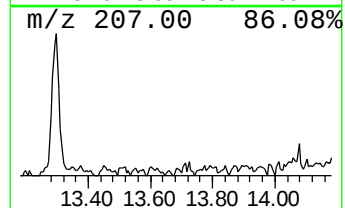
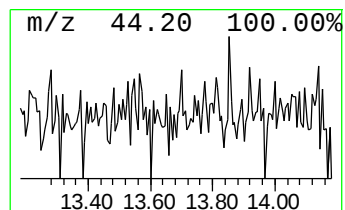
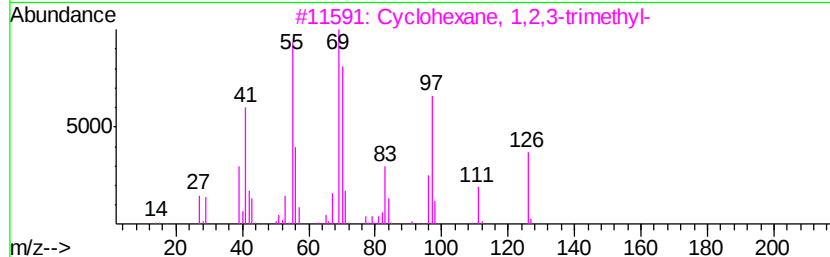
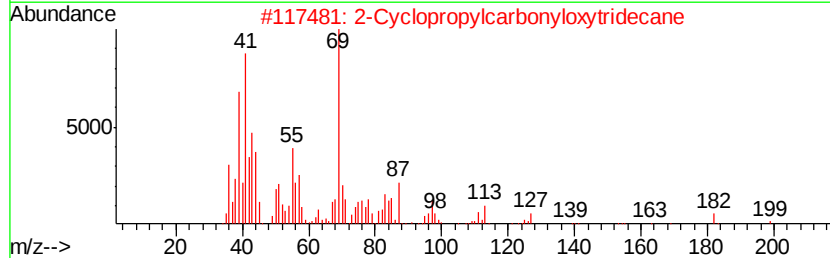
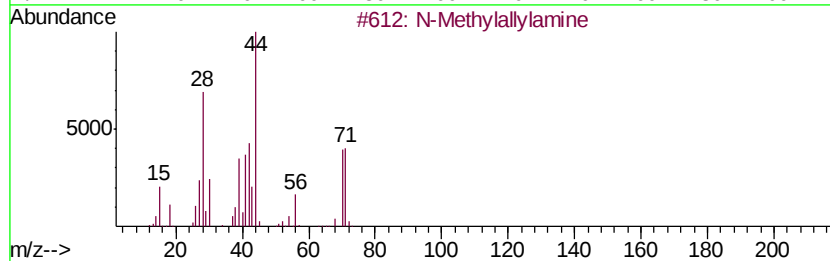
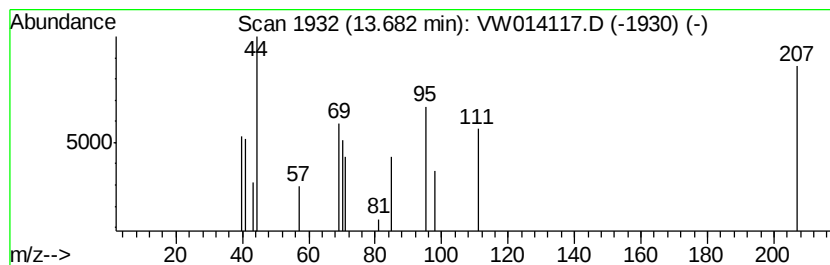
Instrument :
MSVOA_W
ClientSampleId :
C0BM2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 25 unknown-09 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	1.64 ug/L	1040	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		N-Methylallylamine	71 C4H9N	000627-37-2 9
2		2-Cyclopropylcarbonyloxytridecane	268 C17H32O2	1000245-58-3 9
3		Cyclohexane, 1,2,3-trimethyl-	126 C9H18	001678-97-3 9
4		Carbamic acid, (cyanoacetyl)-, e...	156 C6H8N2O3	006629-04-5 9
5		2-Pentene-1,4-dione, 1-(1,2,2-tr...	208 C13H20O2	1000196-77-9 9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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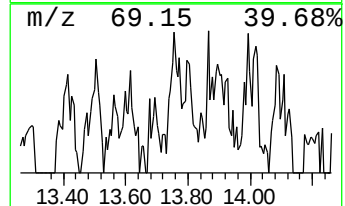
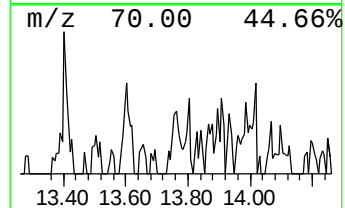
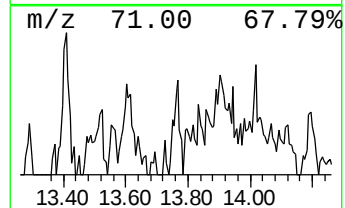
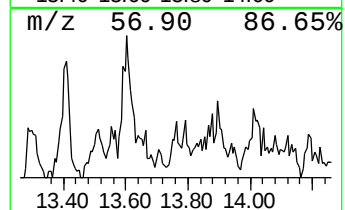
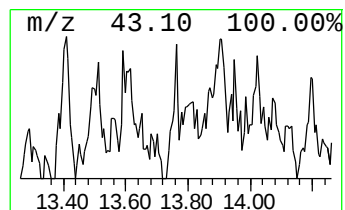
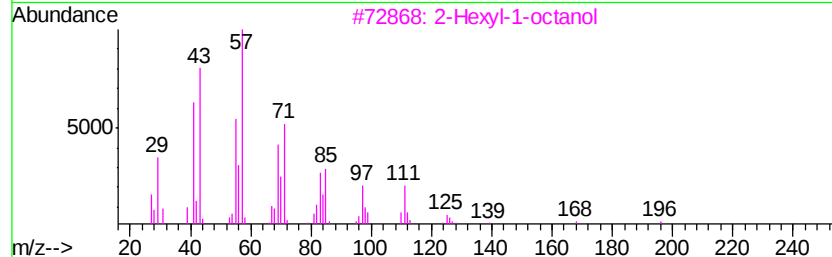
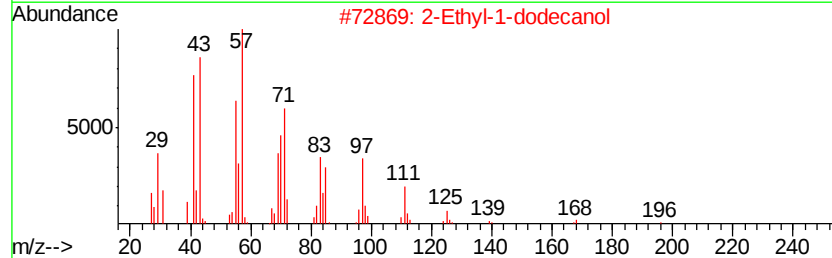
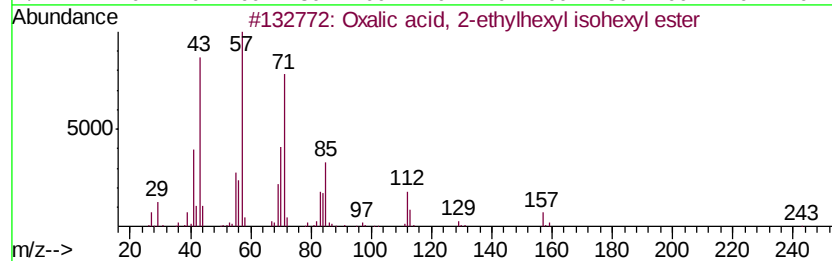
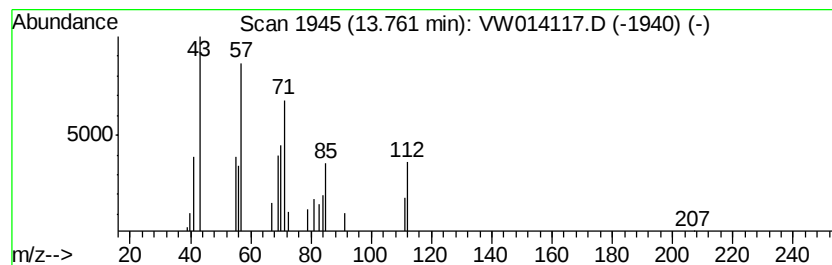
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Quant Title : VOC Analysis

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

Peak Number 26 Oxalic acid, 2-ethylhexyl i... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	10.30 ug/L	6536	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	72
2		2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	56
3		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	53
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	53
5		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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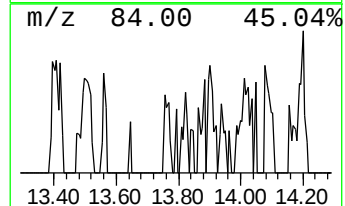
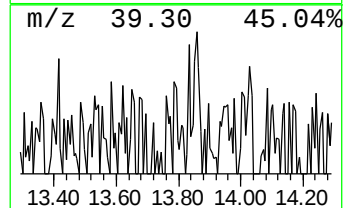
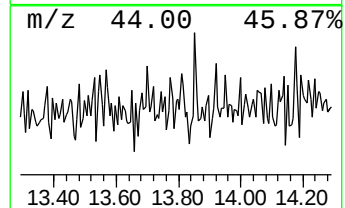
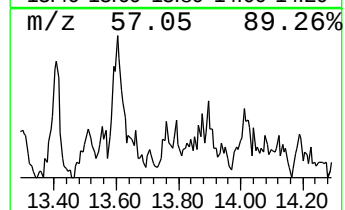
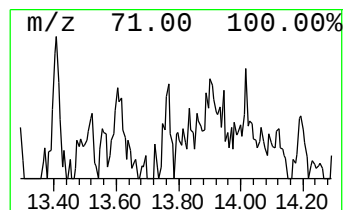
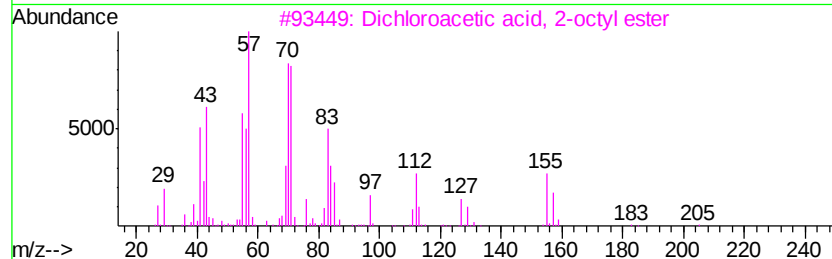
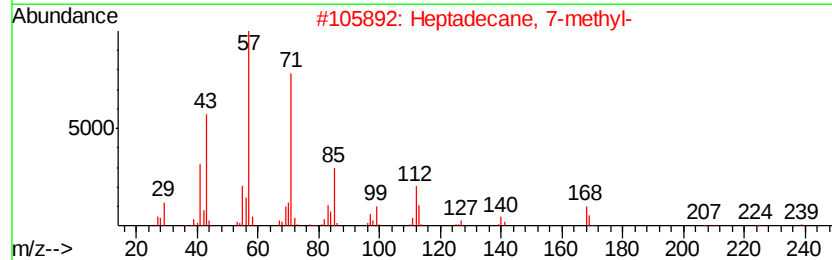
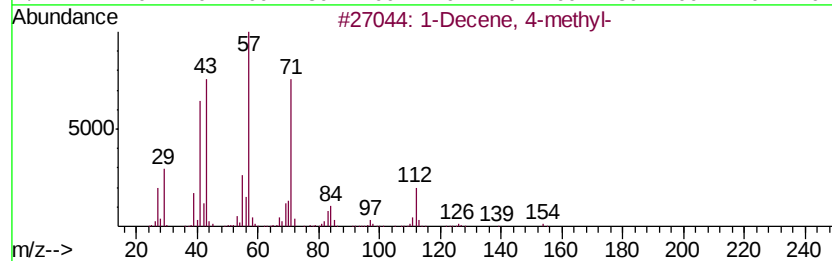
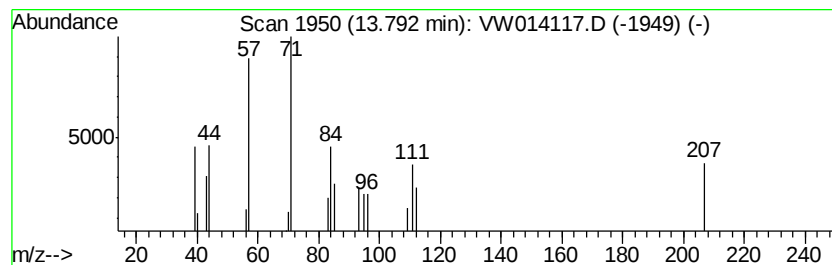
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Cyclic13.79 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.22 ug/L	1411	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	27
2		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	25
3		Dichloroacetic acid, 2-octyl ester	240	C10H18Cl2O2	096980-53-9	25
4		Oxalic acid, decyl 2-ethylhexyl ...	342	C20H38O4	1000309-39-3	25
5		Decanal	156	C10H20O	000112-31-2	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

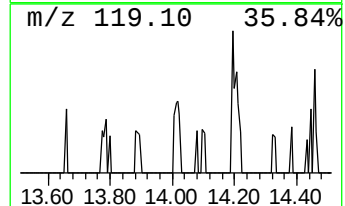
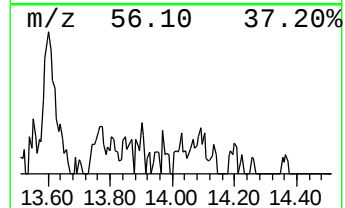
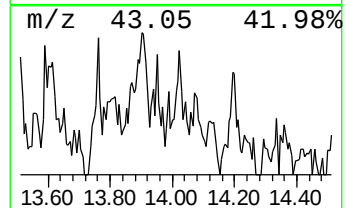
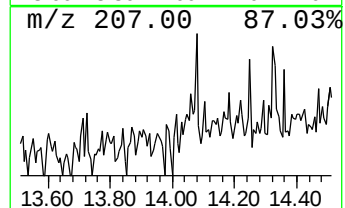
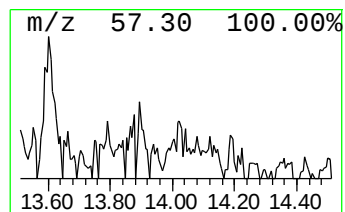
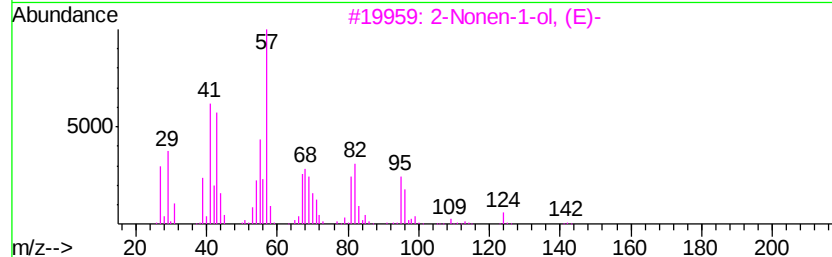
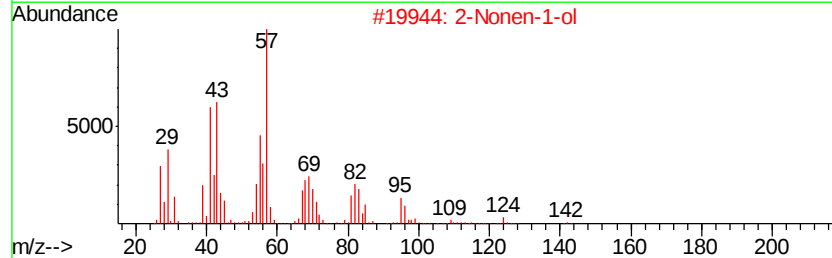
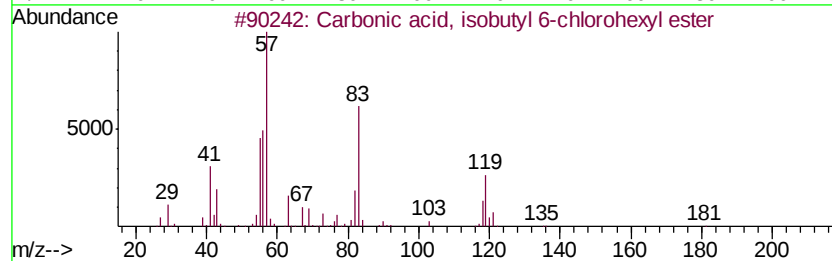
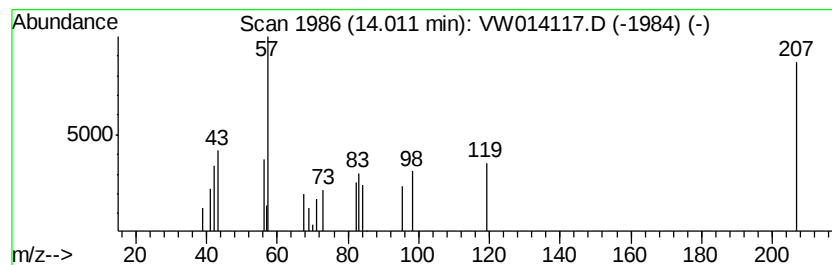
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Quant Title : VOC Analysis

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

Peak Number 28 unknown-10 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	4.34 ug/L	2755	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonic acid, isobutyl 6-chloro...	236	C11H21ClO3	1000331-40-3	9
2		2-Nonen-1-ol	142	C9H18O	022104-79-6	9
3		2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	9
4		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	9
5		Nitrous acid, cyclohexyl ester	129	C6H11NO2	005156-40-1	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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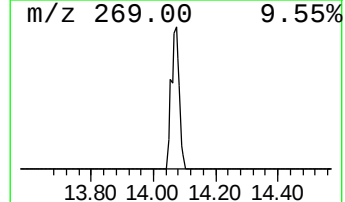
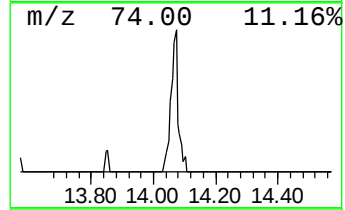
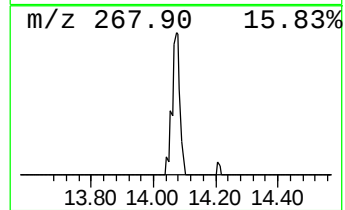
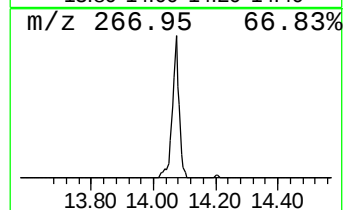
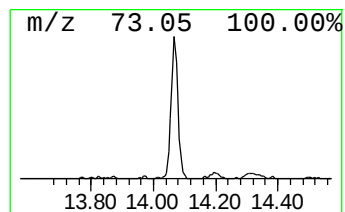
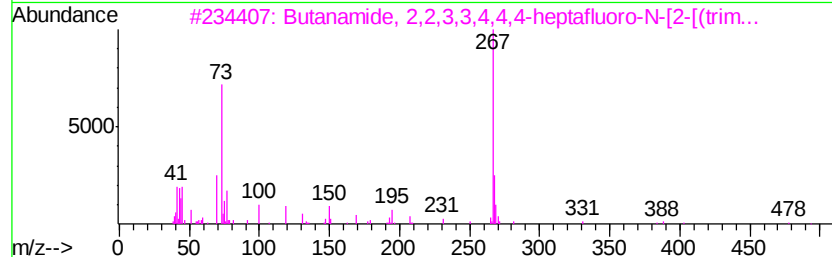
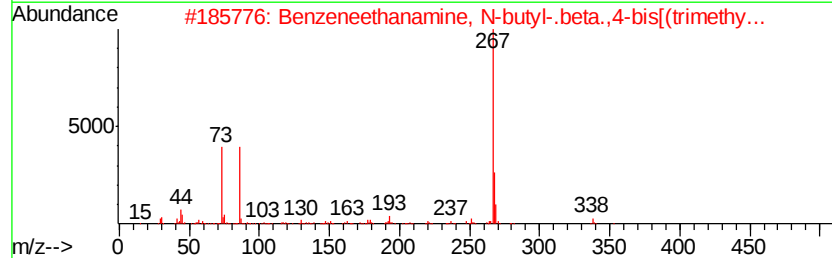
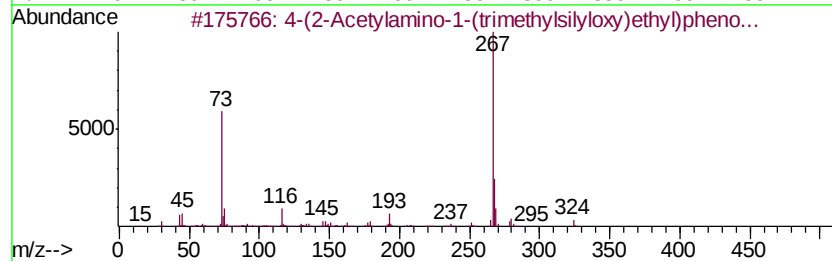
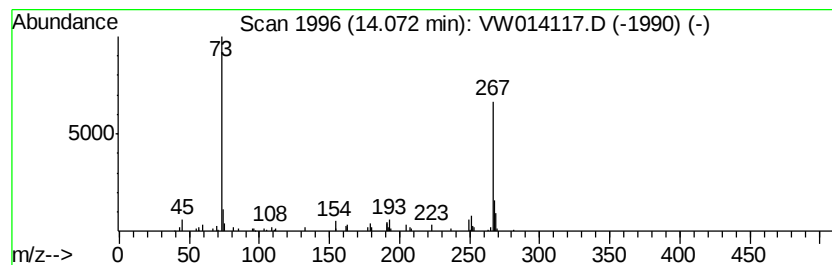
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Quant Title : VOC Analysis

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

Peak Number 29 4-(2-Acetylamino-1-(trimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	49.74 ug/L	31576	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-(2-Acetylamino-1-(trimethylsil...	339	C16H29N03Si2	1000373-43-5	72
2		Benzeneethanamine, N-butyl-.beta...	353	C18H35N02Si2	040629-66-1	64
3		Butanamide, 2,2,3,3,4,4,4-hepta...	493	C18H26F7N03Si2	055471-01-7	64
4		Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	59
5		2-(Trimethylsilyl)amino-4-methyl...	267	C13H25N0Si2	1000373-28-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

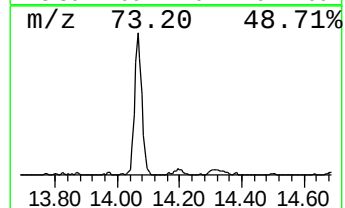
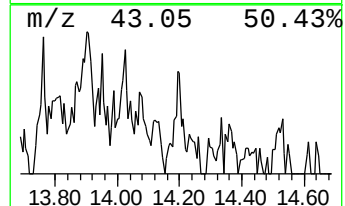
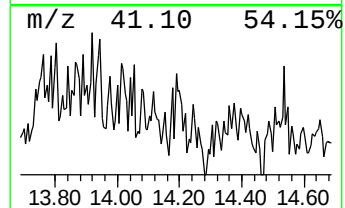
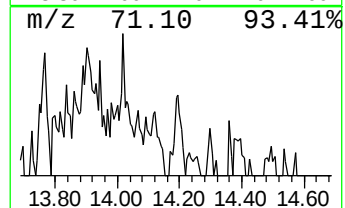
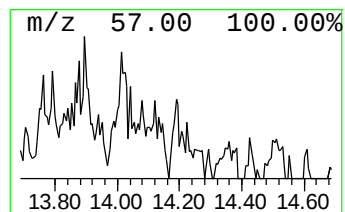
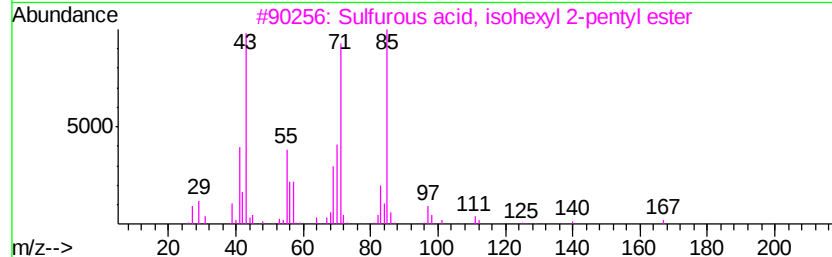
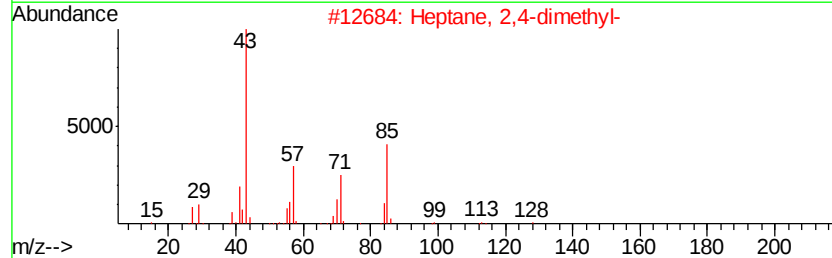
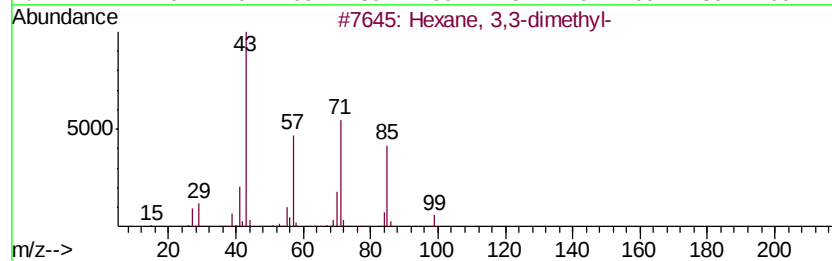
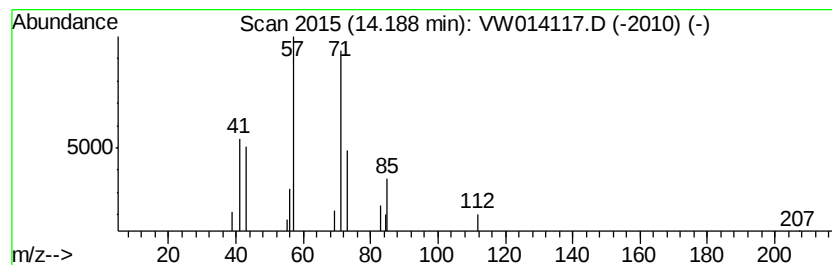
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	8.90 ug/L	5650	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
3			Sulfurous acid, isohexyl 2-penty...	236	C11H24O3S	1000309-15-5	38
4			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	23
5			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

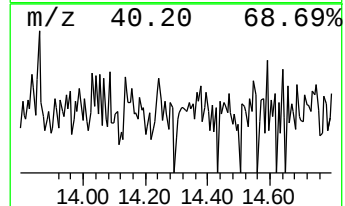
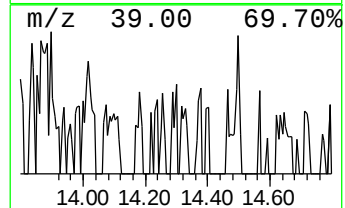
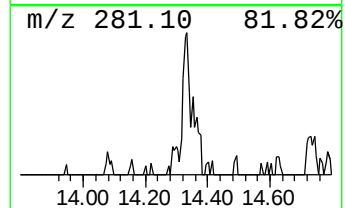
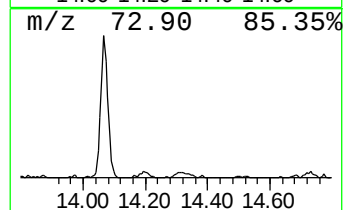
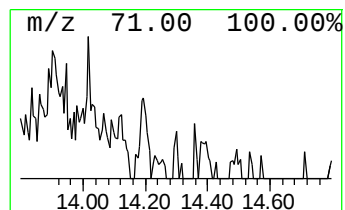
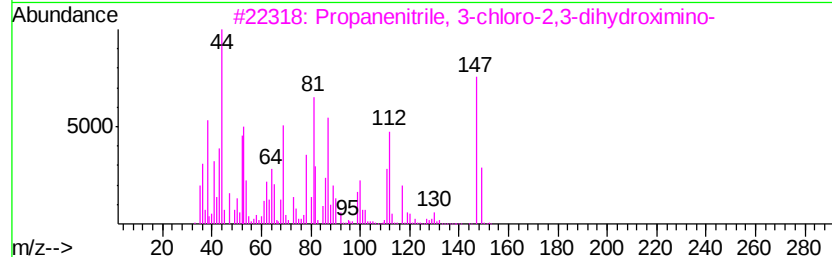
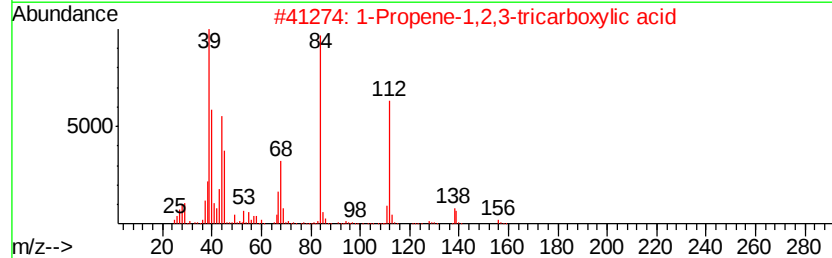
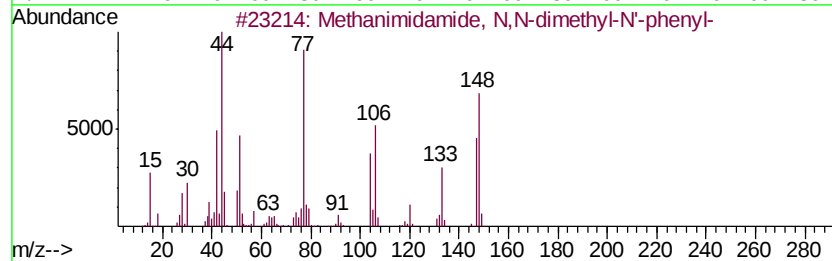
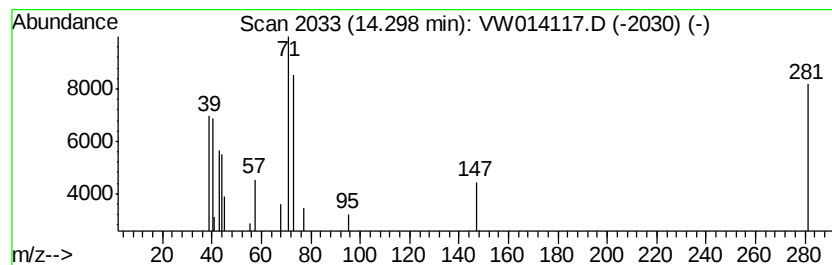
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Quant Title : VOC Analysis

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

Peak Number 31 unknown-11 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.93 ug/L	1858	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanimidamide, N,N-dimethyl-N'...	148	C9H12N2	001783-25-1	9
2			1-Propene-1,2,3-tricarboxylic acid	174	C6H6O6	000499-12-7	9
3			Propanenitrile, 3-chloro-2,3-dih...	147	C3H2ClN3O2	139912-33-7	5
4			Silanamine, N-silyl-	77	H7NSi2	005702-11-4	5
5			Methanimidamide, N,N-dimethyl-N'...	148	C9H12N2	001783-25-1	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

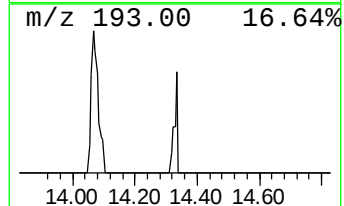
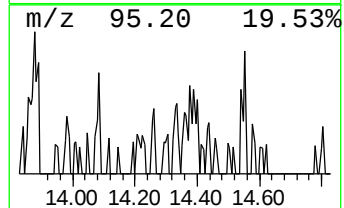
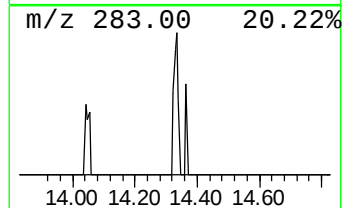
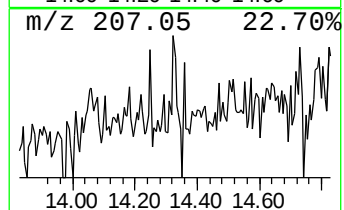
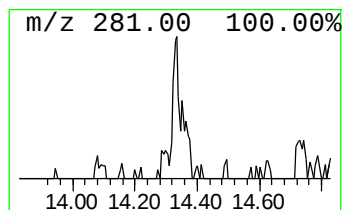
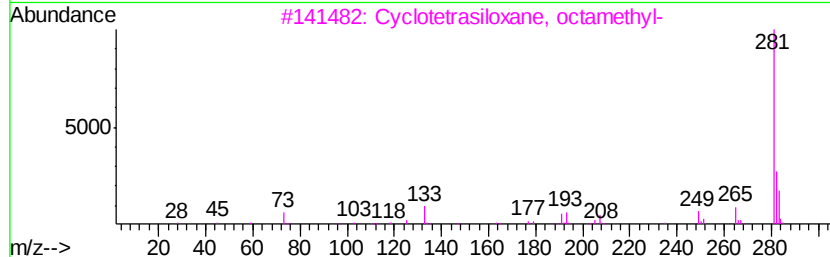
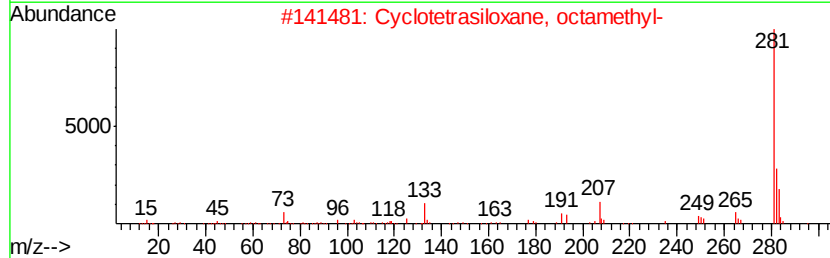
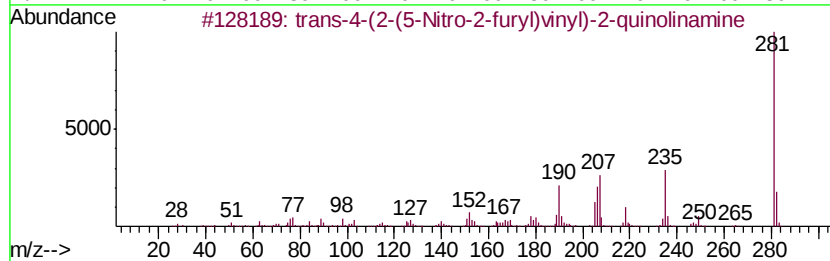
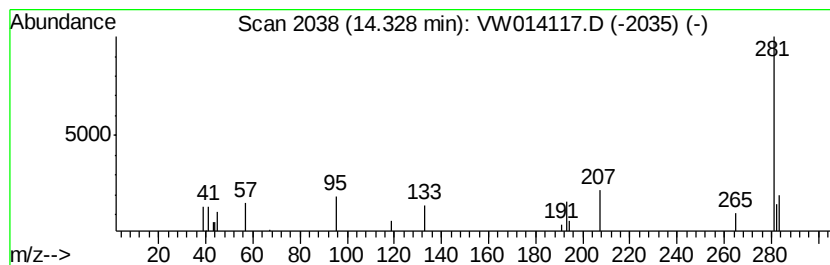
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Quant Title : VOC Analysis

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

Peak Number 32 unknown-12 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	4.54 ug/L	2880	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-4-(2-(5-Nitro-2-furyl)vinyl)...	281	C15H11N3O3	000847-10-9	47
2		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	45
3		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	36
4		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	36
5		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	36



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

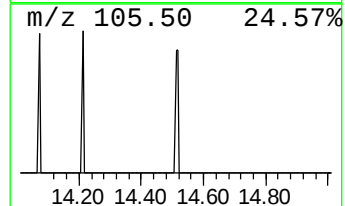
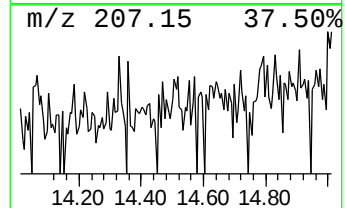
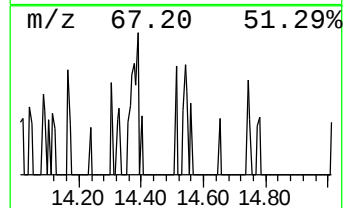
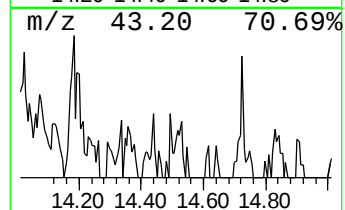
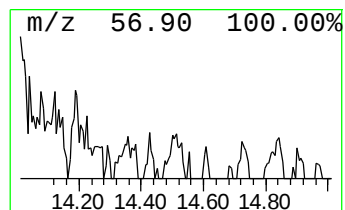
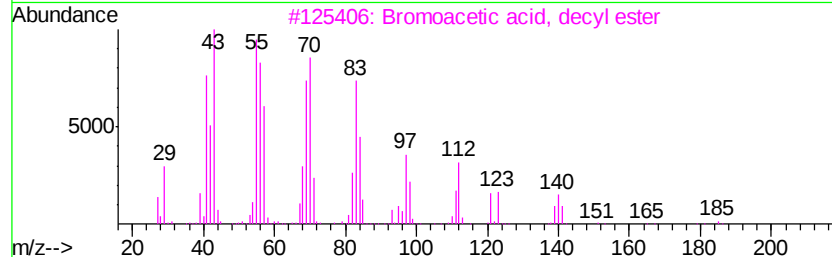
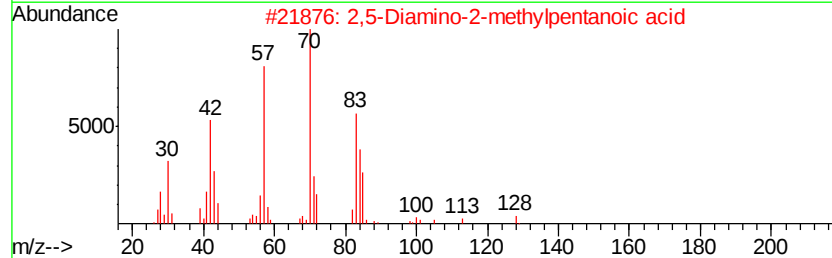
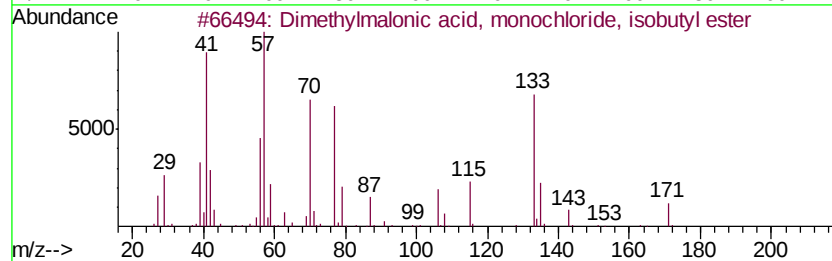
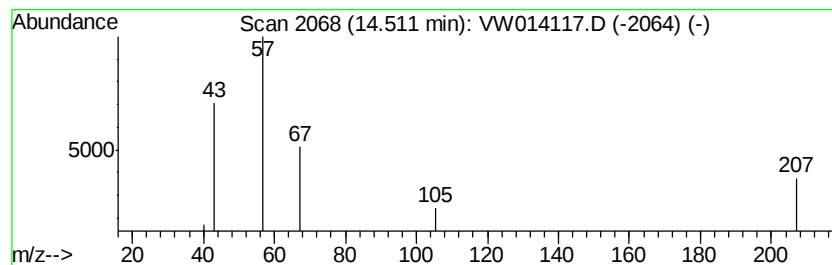
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Quant Title : VOC Analysis

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

Peak Number 33 unknown-13 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	1.29 ug/L	817	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethylmalonic acid, monochlori...	206	C9H15ClO3	1000361-66-7	10
2		2,5-Diamino-2-methylpentanoic acid	146	C6H14N2O2	1000191-43-4	9
3		Bromoacetic acid, decyl ester	278	C12H23BrO2	005436-93-1	9
4		Acetic acid, cyano-, 2-ethylhexy...	197	C11H19NO2	013361-34-7	9
5		Heptanal	114	C7H14O	000111-71-7	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

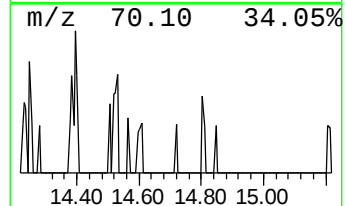
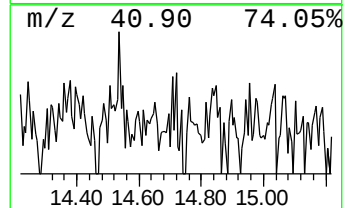
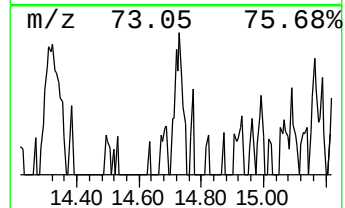
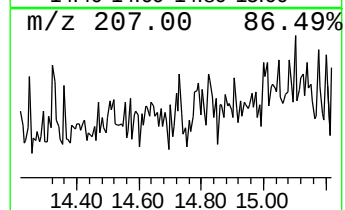
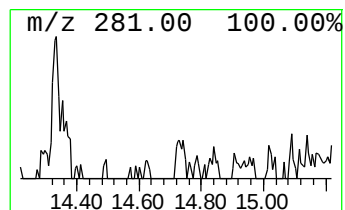
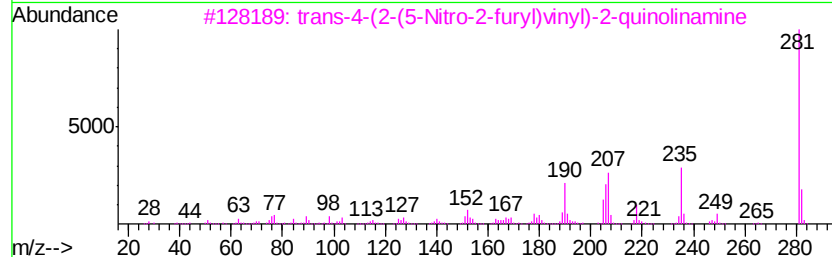
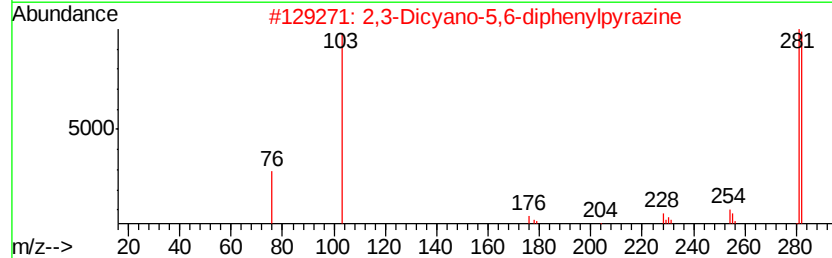
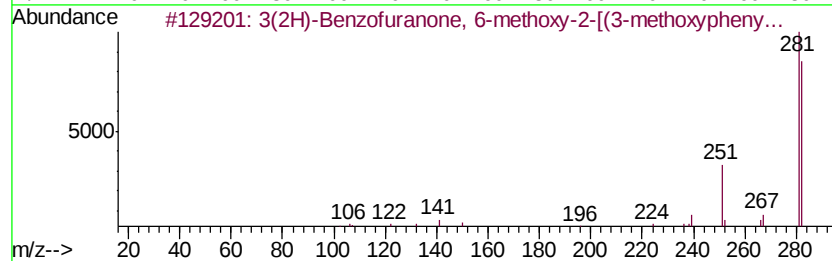
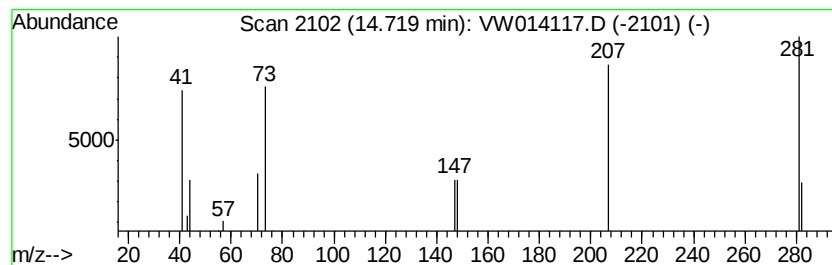
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Quant Title : VOC Analysis

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

Peak Number 34 unknown-14 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	4.06 ug/L	2577	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(2H)-Benzofuranone, 6-methoxy-2...	282	C17H14O4	077764-84-2	5		
2	2,3-Dicyano-5,6-diphenylpyrazine	282	C18H10N4	052197-23-6	5		
3	trans-4-(2-(5-Nitro-2-furyl)viny...	281	C15H11N3O3	000847-10-9	5		
4	Furazano[3,4-b][1,2,4]-triazolo[...	281	C13H11N7O	311783-53-6	5		
5	4,6-Bis(diethylamino)-1,3,5-tria...	281	C12H23N7O	1000326-88-6	5		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
C0BM2

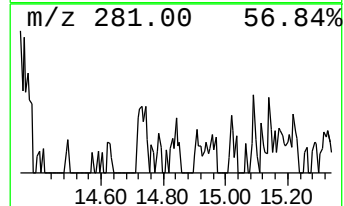
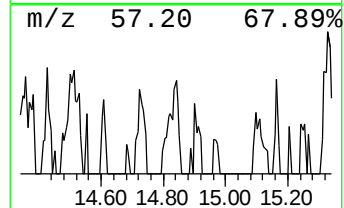
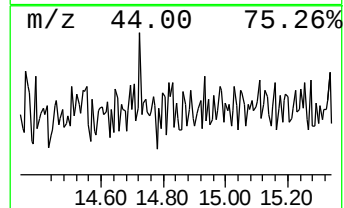
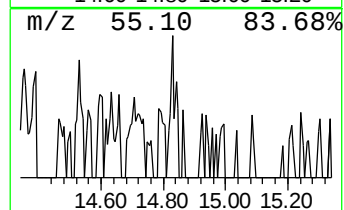
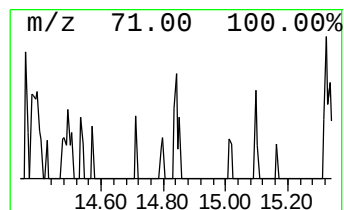
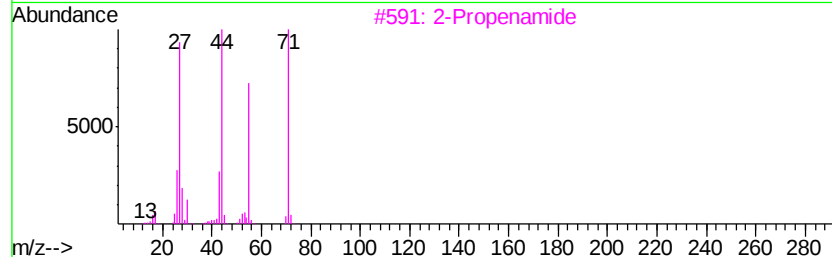
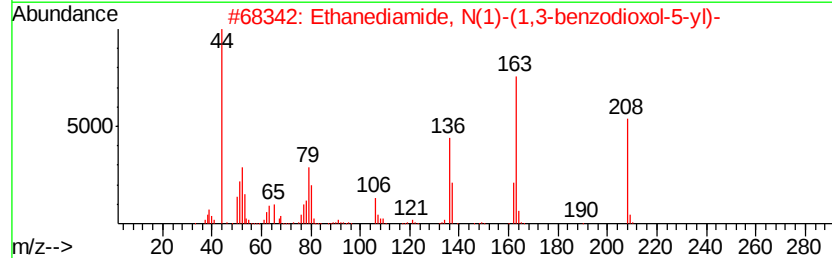
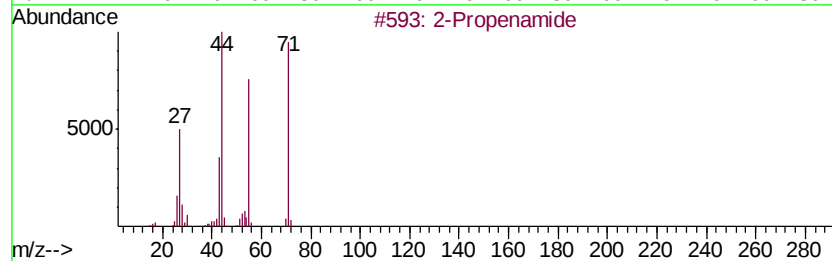
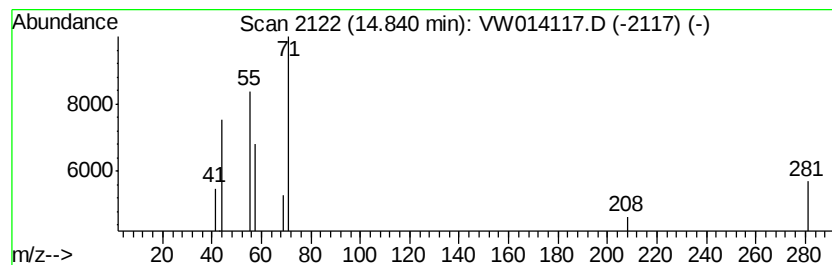
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Quant Title : VOC Analysis

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

Peak Number 35 unknown-15 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.12 ug/L	1981	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenamide	71	C3H5NO	000079-06-1	9
2		Ethanediamide, N(1)-(1,3-benzodi...	208	C9H8N2O4	1000351-43-9	5
3		2-Propenamide	71	C3H5NO	000079-06-1	5
4		2-Propenamide	71	C3H5NO	000079-06-1	4
5		Acetaldehyde	44	C2H4O	000075-07-0	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

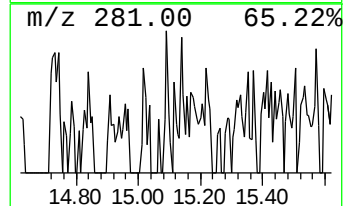
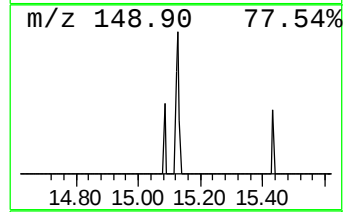
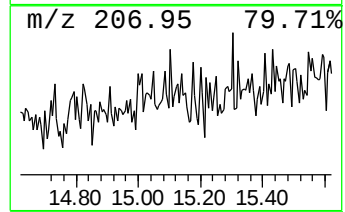
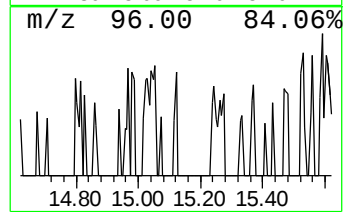
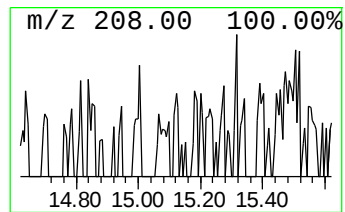
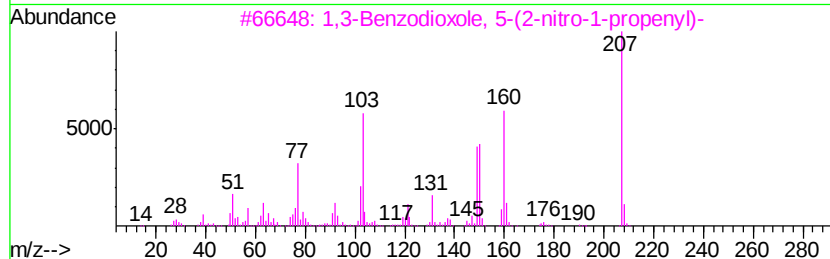
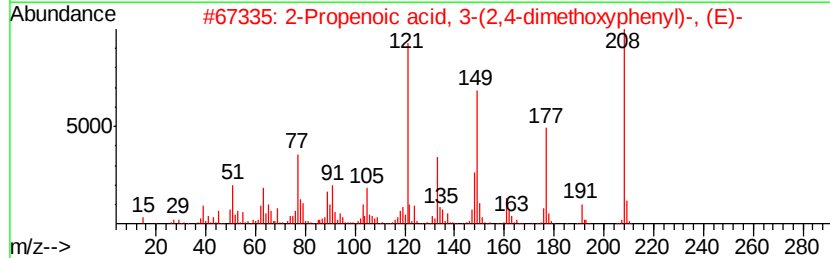
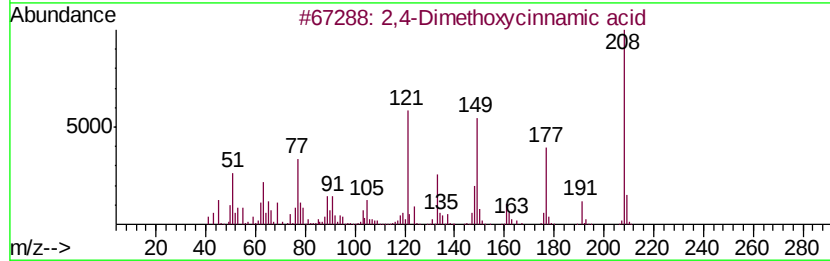
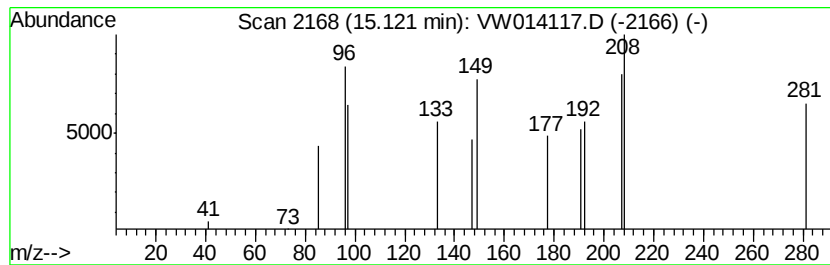
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Quant Title : VOC Analysis

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

Peak Number 36 unknown-16 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	1.67 ug/L	1060	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethoxycinnamic acid	208	C11H12O4	006972-61-8	16		
2	2-Propenoic acid, 3-(2,4-dimetho...	208	C11H12O4	016909-09-4	16		
3	1,3-Benzodioxole, 5-(2-nitro-1-p...	207	C10H9NO4	005438-41-5	9		
4	4-(2,6,6-Trimethyl-cyclohex-1-en...	207	C13H21NO	039190-05-1	9		
5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	9		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

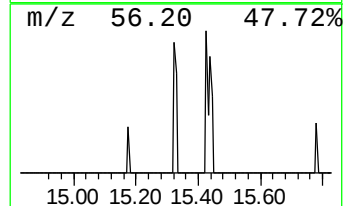
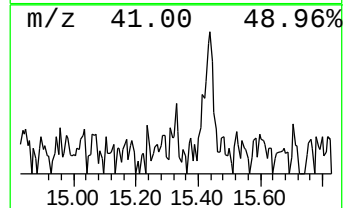
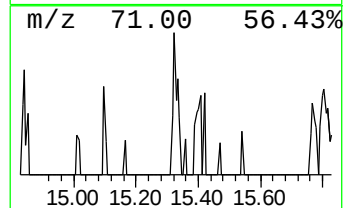
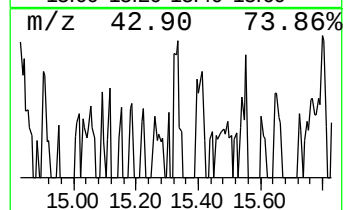
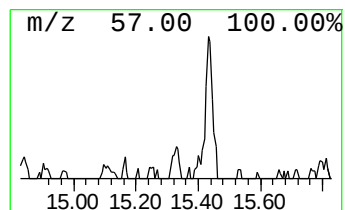
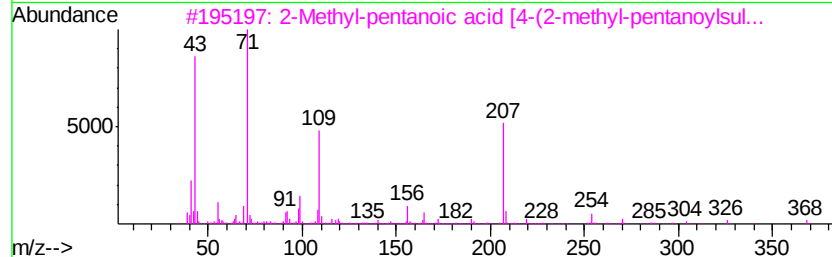
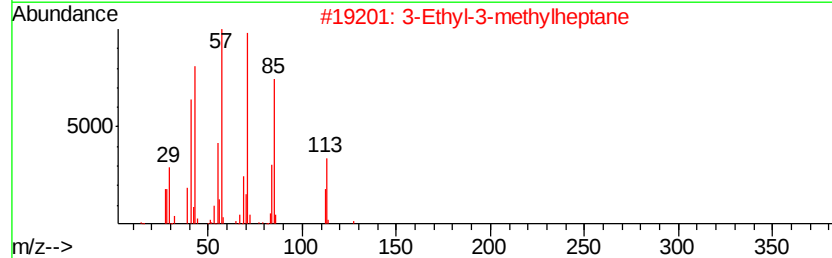
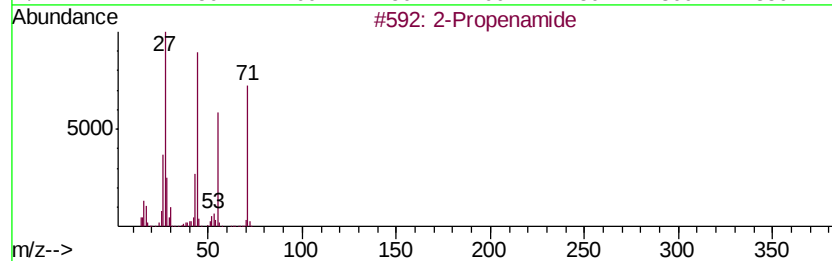
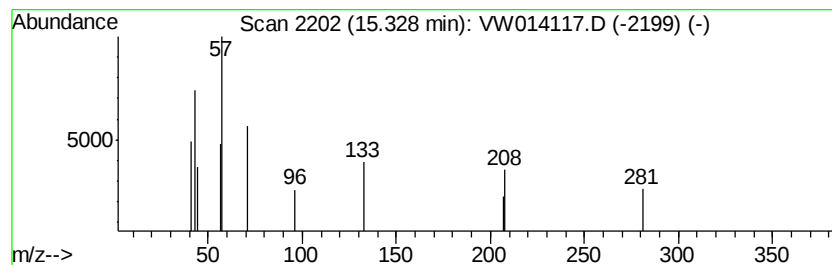
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Quant Title : VOC Analysis

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

Peak Number 37 unknown-17 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	3.44 ug/L	2181	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenamide	71	C3H5NO	000079-06-1	9
2		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	9
3		2-Methyl-pentanoic acid [4-(2-me...	368	C18H28N2O4S	1000296-31-0	9
4		Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	9
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

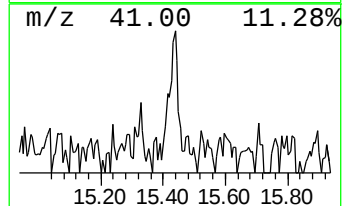
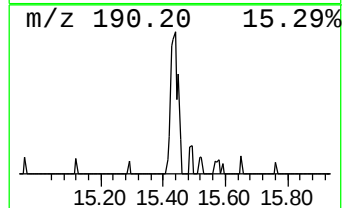
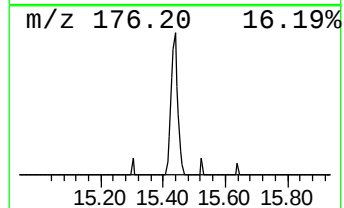
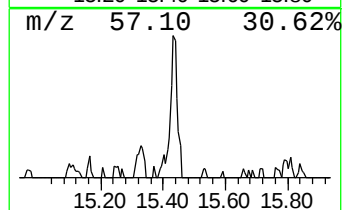
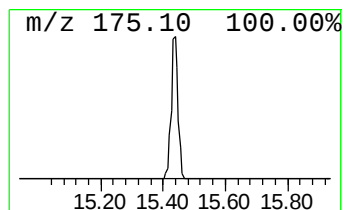
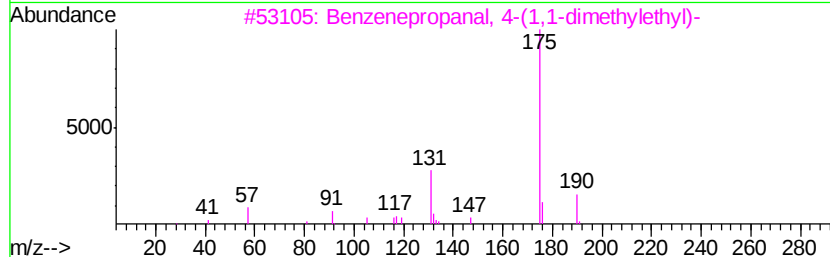
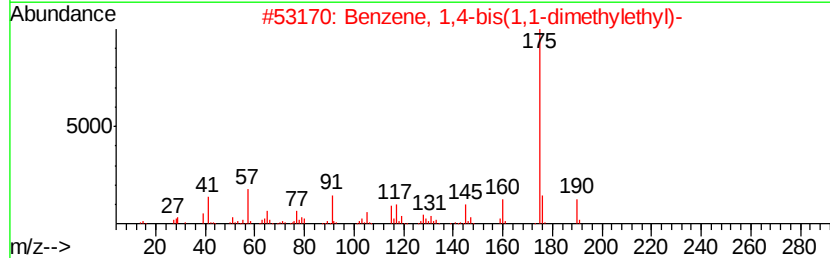
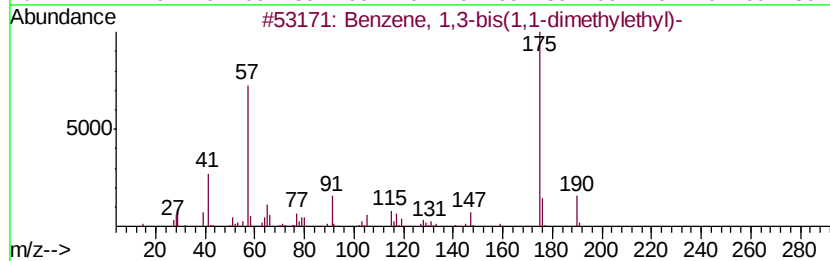
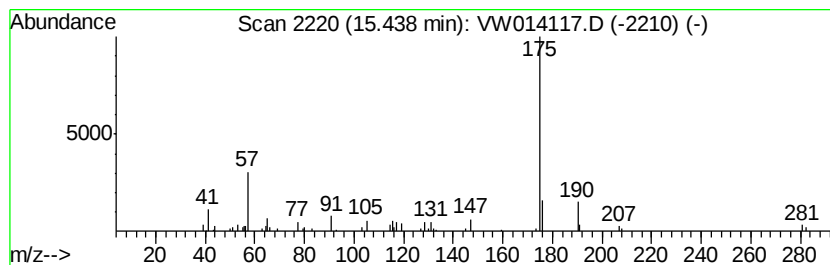
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Quant Title : VOC Analysis

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

Peak Number 38 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	36.14 ug/L	22942	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
2		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	86
3		Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80
4		Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	80
5		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

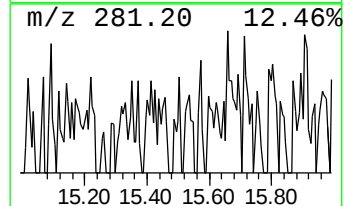
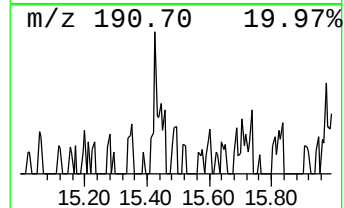
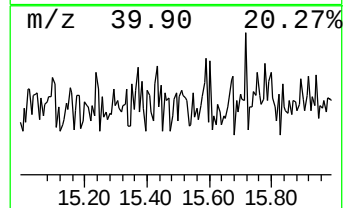
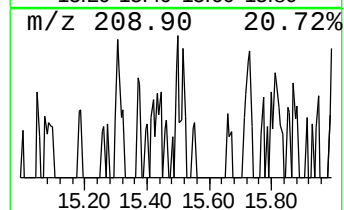
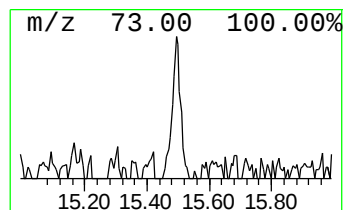
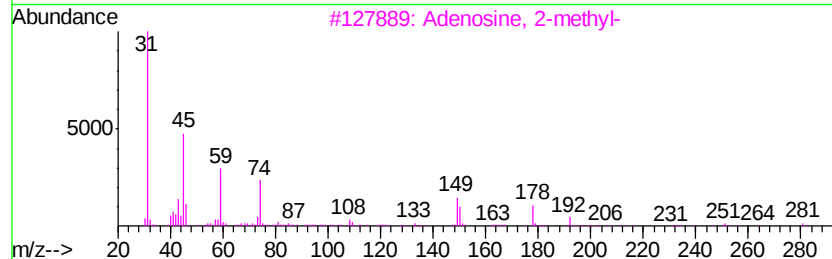
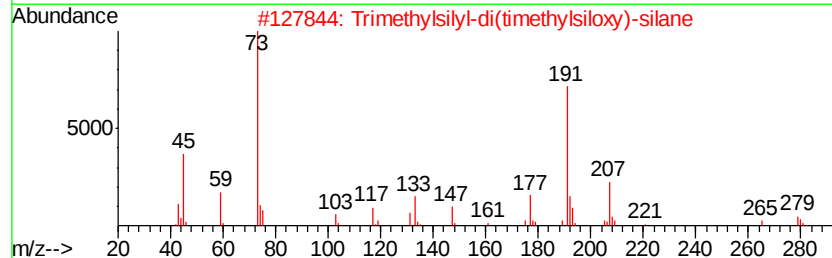
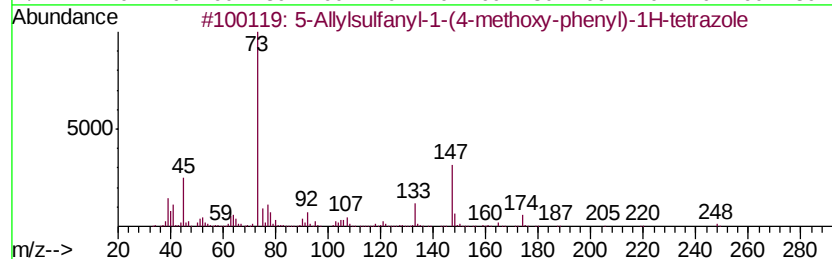
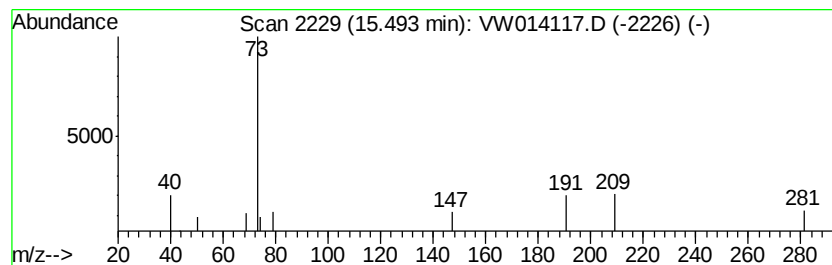
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Quant Title : VOC Analysis

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

Peak Number 39 unknown-18 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	1.61 ug/L	1023	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Allylsulfanyl-1-(4-methoxy-phe...	248	C11H12N4OS	335221-72-2	4
2			Trimethylsilyl-di(trimethylsiloxy...	280	C9H28O2Si4	139347-50-5	4
3			Adenosine, 2-methyl-	281	C11H15N5O4	016526-56-0	3
4			2-Ethyl-3-trimethylsilyloxy(trim...	276	C12H28O3Si2	1000078-93-6	2
5			Propanoic acid, 2-[(trimethylsil...	234	C9H22O3Si2	017596-96-2	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

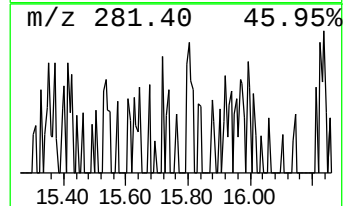
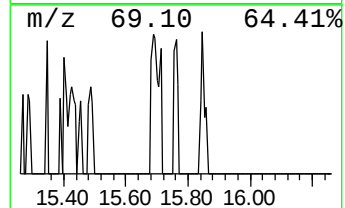
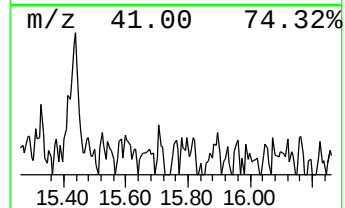
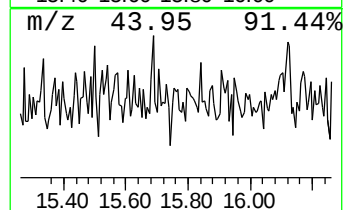
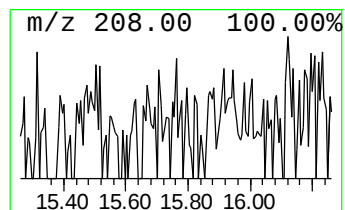
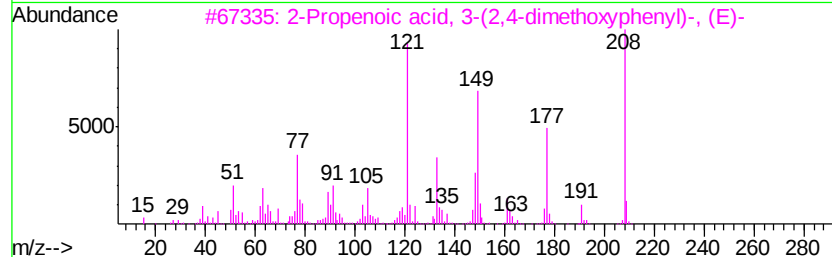
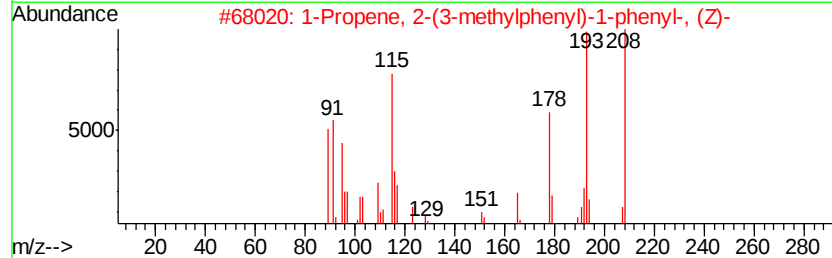
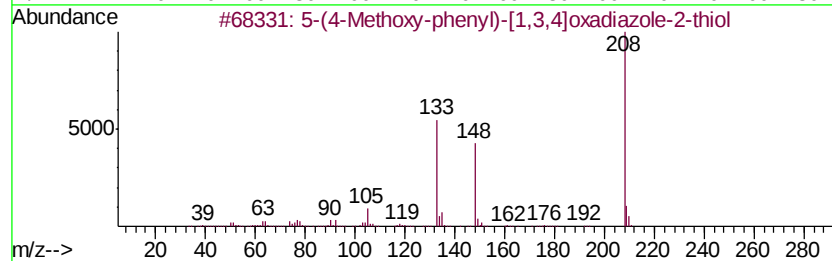
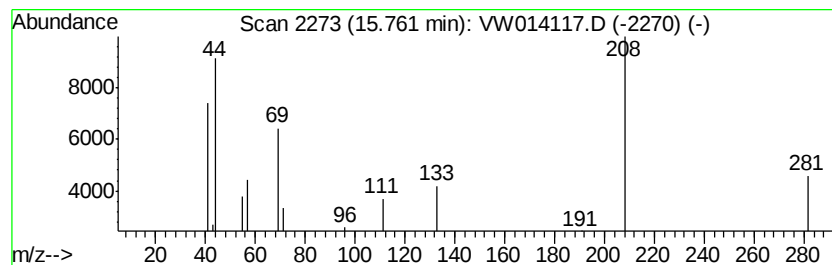
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Quant Title : VOC Analysis

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

Peak Number 40 unknown-19 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.84 ug/L	1803	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(4-Methoxy-phenyl)-[1,3,4]oxad...	208	C9H8N2O2S	023766-26-9	5		
2	1-Propene, 2-(3-methylphenyl)-1-...	208	C16H16	1000138-72-6	5		
3	2-Propenoic acid, 3-(2,4-dimetho...	208	C11H12O4	016909-09-4	5		
4	3-Amino-2,3-dihydrobenzoic acid,...	208	C11H16N2O2	1000375-82-0	5		
5	2-Adamantanecarboxylic acid, 4,8...	208	C11H12O4	005202-69-7	5		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
Data File : VW014117.D
Acq On : 25 Nov 2019 17:47
Operator : SY/VA
Sample : K6007-16
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM2

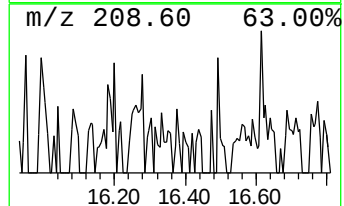
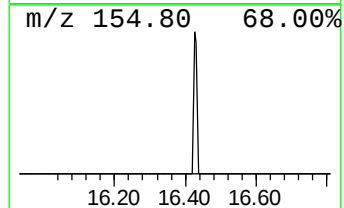
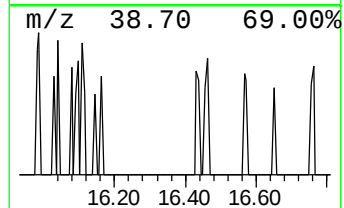
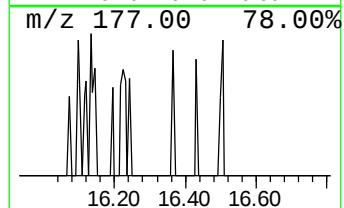
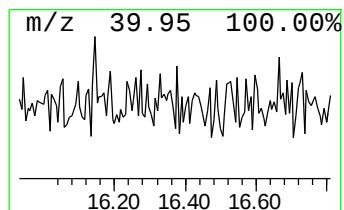
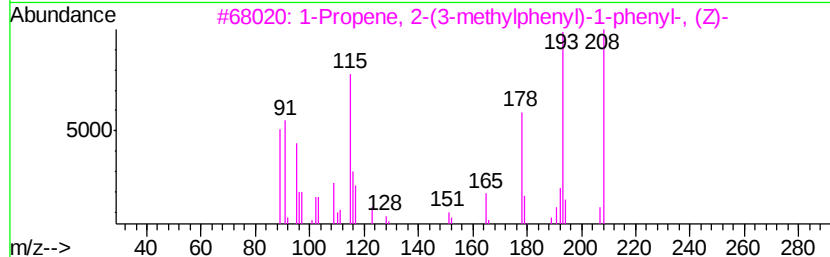
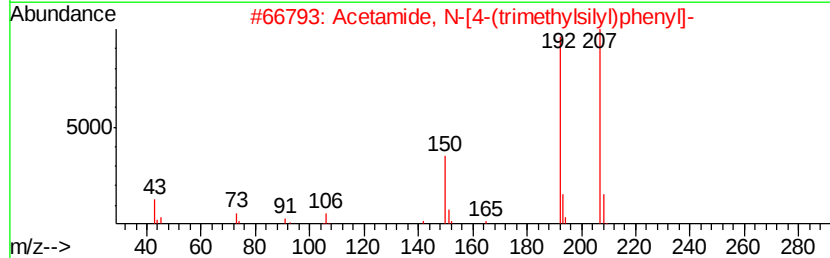
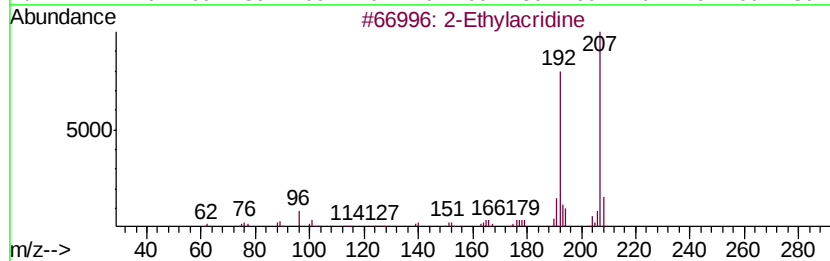
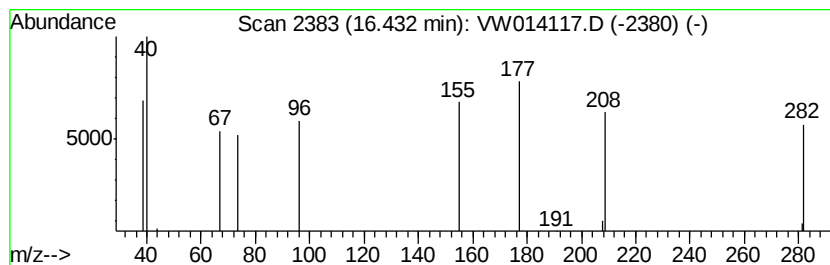
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 41 unknown-20 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	1.26 ug/L	803	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethylacridine	207	C15H13N	055751-83-2	45
2			Acetamide, N-[4-(trimethylsilyl)...	207	C11H17NOSi	017983-71-0	7
3			1-Propene, 2-(3-methylphenyl)-1-...	208	C16H16	1000138-72-6	5
4			4H-Furo[3,2-b]pyrrole-5-carboxyl...	207	C10H9NO4	1000318-88-7	4
5			N-(2-Acetylcyclopentylidene)cycl...	207	C13H21NO	1000100-48-5	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112519\
 Data File : VW014117.D
 Acq On : 25 Nov 2019 17:47
 Operator : SY/VA
 Sample : K6007-16
 Misc : 3.20G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BM2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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
3-Butenoic acid	1.96	2.3	ug/L	16181	1	8.84	179421	25.0
(DEL) Alkane: Str...	2.18	7.8	ug/L	55777	1	8.84	179421	25.0
(DEL) Alkane: Cyc...	10.49	3.8	ug/L	11221	2	11.63	73198	25.0
(DEL) Alkane: Cyc...	10.66	1.5	ug/L	4467	2	11.63	73198	25.0
unknown-01	11.06	9.4	ug/L	27409	2	11.63	73198	25.0
(DEL) Alkane: Cyc...	11.17	2.2	ug/L	6571	2	11.63	73198	25.0
(DEL) Alkane: Cyc...	11.23	2.2	ug/L	6486	2	11.63	73198	25.0
unknown-02	11.83	1.3	ug/L	3778	2	11.63	73198	25.0
unknown-03	11.88	2.8	ug/L	8205	2	11.63	73198	25.0
unknown-04	12.13	1.7	ug/L	5029	2	11.63	73198	25.0
(DEL) Alkane: Cyc...	12.78	12.3	ug/L	7832	3	13.55	15871	25.0
unknown-05	12.85	1.3	ug/L	818	3	13.55	15871	25.0
Arsenous acid, tr...	12.93	23.6	ug/L	14977	3	13.55	15871	25.0
unknown-06	13.04	1.3	ug/L	829	3	13.55	15871	25.0
unknown-07	13.07	2.5	ug/L	1586	3	13.55	15871	25.0
unknown-08	13.17	5.8	ug/L	3659	3	13.55	15871	25.0
(DEL) Alkane: Str...	13.19	7.7	ug/L	4855	3	13.55	15871	25.0
(DEL) Alkane: Str...	13.41	17.3	ug/L	10979	3	13.55	15871	25.0
unknown-09	13.68	1.6	ug/L	1040	3	13.55	15871	25.0
Oxalic acid, 2-et...	13.76	10.3	ug/L	6536	3	13.55	15871	25.0
(DEL) Alkane: Cyc...	13.79	2.2	ug/L	1411	3	13.55	15871	25.0
unknown-10	14.01	4.3	ug/L	2755	3	13.55	15871	25.0
4-(2-Acetylamino-...	14.07	49.7	ug/L	31576	3	13.55	15871	25.0
(DEL) Alkane: Str...	14.19	8.9	ug/L	5650	3	13.55	15871	25.0
unknown-11	14.30	2.9	ug/L	1858	3	13.55	15871	25.0
unknown-12	14.33	4.5	ug/L	2880	3	13.55	15871	25.0
unknown-13	14.51	1.3	ug/L	817	3	13.55	15871	25.0
unknown-14	14.72	4.1	ug/L	2577	3	13.55	15871	25.0
unknown-15	14.84	3.1	ug/L	1981	3	13.55	15871	25.0
unknown-16	15.12	1.7	ug/L	1060	3	13.55	15871	25.0
unknown-17	15.33	3.4	ug/L	2181	3	13.55	15871	25.0
Benzene, 1,3-bis(...	15.44	36.1	ug/L	22942	3	13.55	15871	25.0
unknown-18	15.49	1.6	ug/L	1023	3	13.55	15871	25.0
unknown-19	15.76	2.8	ug/L	1803	3	13.55	15871	25.0
unknown-20	16.43	1.3	ug/L	803	3	13.55	15871	25.0