

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009798.D
 Acq On : 07 Apr 2019 04:25
 Operator : SY/VA
 Sample : K2217-19
 Misc : 4.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF609

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\SOM2WLM040319S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	36	42	48	rBV5	9834	23834	2.65%	0.515%
2	2.349	69	73	83	rVB2	33938	71190	7.92%	1.539%
3	2.891	155	162	175	rVB	41257	114908	12.79%	2.484%
4	3.806	309	312	313	rBV3	817	894	0.10%	0.019%
5	4.007	335	345	359	rBV3	67367	233646	26.00%	5.050%
6	4.245	382	384	389	rVV5	685	953	0.11%	0.021%
7	4.391	402	408	417	rVB3	6043	16369	1.82%	0.354%
8	4.574	434	438	441	rBV4	1107	1753	0.20%	0.038%
9	4.623	445	446	451	rVB3	866	1165	0.13%	0.025%
10	4.739	462	465	467	rBV3	922	983	0.11%	0.021%
11	4.915	482	494	506	rVV2	10728	42150	4.69%	0.911%
12	5.129	527	529	534	rVV2	784	931	0.10%	0.020%
13	5.269	548	552	555	rVB4	926	1404	0.16%	0.030%
14	5.635	607	612	616	rBV7	953	2058	0.23%	0.044%
15	5.830	643	644	647	rVB3	978	909	0.10%	0.020%
16	5.873	647	651	652	rBV	1223	1313	0.15%	0.028%
17	5.934	652	661	669	rBV9	6027	18495	2.06%	0.400%
18	6.049	678	680	685	rVB2	1078	1147	0.13%	0.025%
19	6.305	718	722	726	rVB5	981	1592	0.18%	0.034%
20	6.574	762	766	768	rBV2	869	1143	0.13%	0.025%
21	6.720	785	790	792	rVB2	790	1191	0.13%	0.026%
22	6.976	828	832	834	rBV4	903	1415	0.16%	0.031%
23	7.080	839	849	869	rBV2	44105	165654	18.43%	3.581%
24	7.433	903	907	909	rBV2	963	1247	0.14%	0.027%
25	7.476	912	914	918	rBV3	1073	1620	0.18%	0.035%
26	7.519	918	921	923	rBV2	2280	2567	0.29%	0.055%
27	7.641	930	941	954	rVB	207594	507605	56.48%	10.972%
28	8.086	1012	1014	1016	rBV	981	1166	0.13%	0.025%
29	8.269	1034	1044	1061	rBV2	293932	898740	100.00%	19.426%
30	8.683	1110	1112	1114	rBV3	969	909	0.10%	0.020%
31	8.842	1130	1138	1145	rBV	91882	184541	20.53%	3.989%
32	9.031	1167	1169	1171	rBV2	1803	1766	0.20%	0.038%
33	9.073	1173	1176	1177	rBV3	1129	1292	0.14%	0.028%
34	9.274	1199	1209	1226	rVV	284521	587803	65.40%	12.705%

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 Title : VOC Analysis

35	9.390	1226	1228	1231	rVV2	1225	1024	0.11%	0.022%
36	9.476	1238	1242	1245	rBV5	1006	1898	0.21%	0.041%
37	9.665	1269	1273	1275	rBV3	1030	1055	0.12%	0.023%
38	9.762	1284	1289	1298	rVB8	3464	6888	0.77%	0.149%
39	9.890	1304	1310	1316	rVB4	8506	16881	1.88%	0.365%
40	10.037	1327	1334	1342	rVB	42675	81376	9.05%	1.759%
41	10.207	1358	1362	1364	rBV3	1776	2831	0.31%	0.061%
42	10.244	1364	1368	1373	rVB4	4933	8450	0.94%	0.183%
43	10.323	1373	1381	1389	rBV	238814	427296	47.54%	9.236%
44	10.579	1417	1423	1434	rVB2	19977	37432	4.16%	0.809%
45	10.658	1434	1436	1438	rVB3	1250	1148	0.13%	0.025%
46	10.707	1438	1444	1448	rBV2	6385	10785	1.20%	0.233%
47	10.774	1450	1455	1457	rBV5	3547	5476	0.61%	0.118%
48	10.841	1464	1466	1474	rVB7	5310	9740	1.08%	0.211%
49	10.927	1474	1480	1489	rBV2	120231	239562	26.66%	5.178%
50	11.402	1556	1558	1565	rVB6	4614	6013	0.67%	0.130%
51	11.634	1588	1596	1603	rBV	74517	134284	14.94%	2.902%
52	12.073	1664	1668	1670	rBV3	1116	1450	0.16%	0.031%
53	12.237	1691	1695	1696	rBV3	1082	1051	0.12%	0.023%
54	12.347	1711	1713	1716	rVB4	997	1228	0.14%	0.027%
55	12.451	1727	1730	1732	rBV3	983	1146	0.13%	0.025%
56	12.469	1732	1733	1737	rVB4	1488	1396	0.16%	0.030%
57	12.512	1737	1740	1743	rBV4	1460	1785	0.20%	0.039%
58	12.609	1750	1756	1763	rVV3	15956	28248	3.14%	0.611%
59	12.695	1763	1770	1777	rVV	186606	299405	33.31%	6.471%
60	12.756	1778	1780	1785	rVB5	1904	2879	0.32%	0.062%
61	12.932	1807	1809	1811	rVV3	1808	2343	0.26%	0.051%
62	13.103	1835	1837	1842	rVB4	1322	1331	0.15%	0.029%
63	13.140	1842	1843	1845	rBV2	927	951	0.11%	0.021%
64	13.194	1848	1852	1859	rVB6	3035	5256	0.58%	0.114%
65	13.243	1859	1860	1864	rVB3	1177	1287	0.14%	0.028%
66	13.298	1864	1869	1875	rBV8	1829	3583	0.40%	0.077%
67	13.408	1882	1887	1893	rVB5	5421	8698	0.97%	0.188%
68	13.463	1893	1896	1897	rBV2	1122	984	0.11%	0.021%
69	13.481	1897	1899	1900	rBV2	1036	920	0.10%	0.020%
70	13.511	1900	1904	1907	rBV3	3516	4720	0.53%	0.102%
71	13.560	1907	1912	1917	rVV	23986	39890	4.44%	0.862%

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72	13.615	1917	1921	1924	rVB3	3860	5902	0.66%	0.128%
73	13.768	1941	1946	1950	rVB6	2932	5310	0.59%	0.115%
74	13.859	1953	1961	1966	rBV	77224	135436	15.07%	2.927%
75	13.908	1966	1969	1972	rVB5	3610	4178	0.46%	0.090%
76	14.018	1985	1987	1989	rVB3	1497	959	0.11%	0.021%
77	14.078	1992	1997	2005	rVB	14796	24980	2.78%	0.540%
78	14.231	2020	2022	2025	rVB2	923	928	0.10%	0.020%
79	14.341	2037	2040	2043	rVV5	1316	1369	0.15%	0.030%
80	14.420	2049	2053	2060	rBV5	1295	3401	0.38%	0.074%
81	14.688	2094	2097	2100	rVB3	845	969	0.11%	0.021%
82	14.725	2100	2103	2106	rBV5	1323	2088	0.23%	0.045%
83	14.822	2116	2119	2120	rBV3	996	919	0.10%	0.020%
84	15.158	2173	2174	2178	rVV3	955	1058	0.12%	0.023%
85	15.414	2210	2216	2217	rBV4	4488	6792	0.76%	0.147%
86	15.444	2217	2221	2225	rVV2	14834	24549	2.73%	0.531%
87	15.505	2225	2231	2238	rVB	48651	88609	9.86%	1.915%
88	15.603	2244	2247	2248	rBV	1291	1079	0.12%	0.023%
89	15.621	2248	2250	2251	rVV2	1332	968	0.11%	0.021%
90	15.682	2258	2260	2262	rBV3	982	947	0.11%	0.020%
91	15.700	2262	2263	2267	rVB3	1060	1007	0.11%	0.022%
92	15.737	2267	2269	2271	rBV2	965	903	0.10%	0.020%
93	15.810	2274	2281	2285	rBV7	5491	10353	1.15%	0.224%
94	16.096	2326	2328	2330	rVV3	1063	963	0.11%	0.021%
95	16.170	2338	2340	2344	rVV5	776	1329	0.15%	0.029%
96	16.206	2344	2346	2350	rVV4	1362	1473	0.16%	0.032%
97	16.291	2358	2360	2364	rBV4	851	1265	0.14%	0.027%
98	16.371	2371	2373	2377	rBV4	597	982	0.11%	0.021%
99	16.474	2386	2390	2391	rBV3	1097	1593	0.18%	0.034%
100	16.669	2418	2422	2424	rBV4	1246	1177	0.13%	0.025%

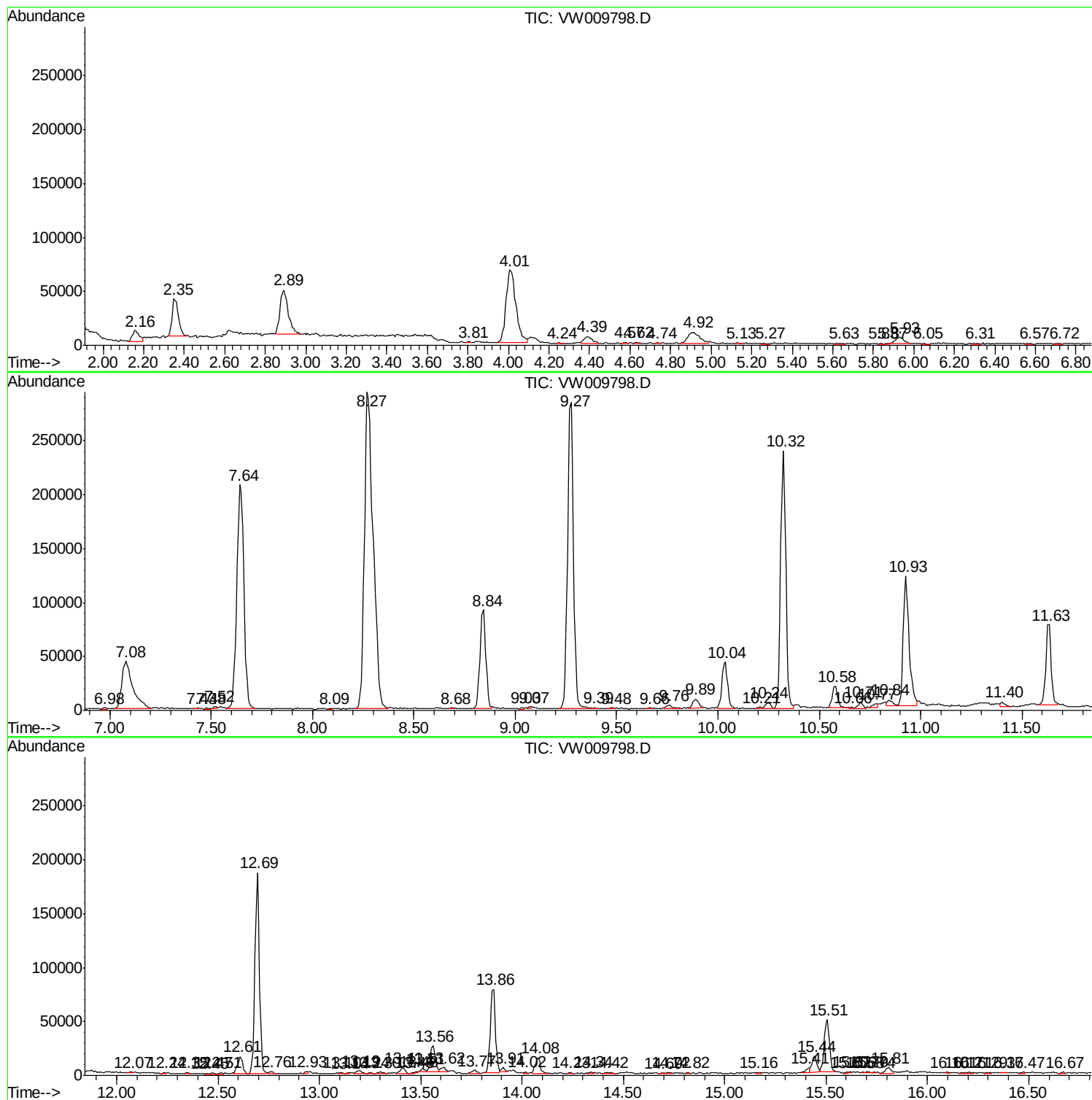
Sum of corrected areas: 4626529

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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



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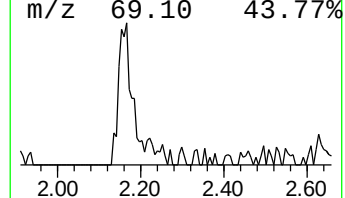
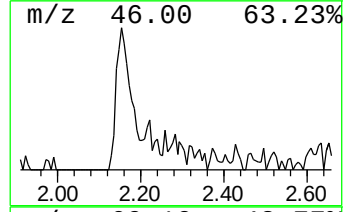
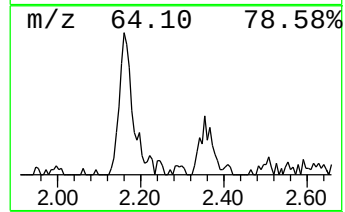
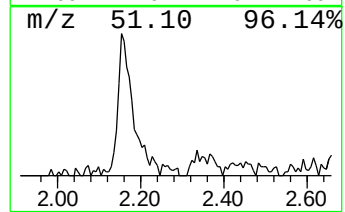
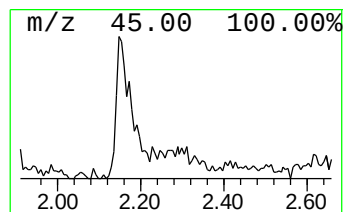
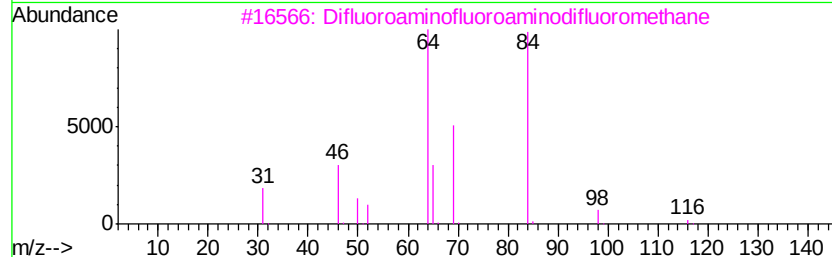
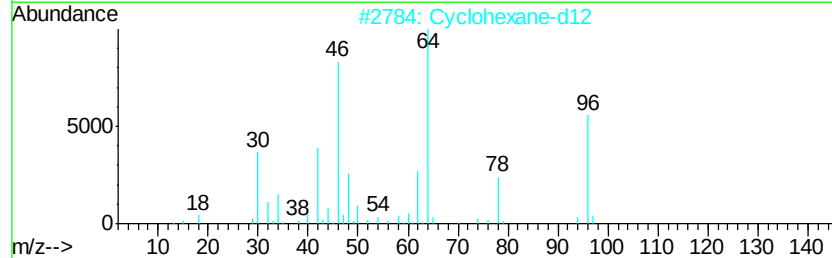
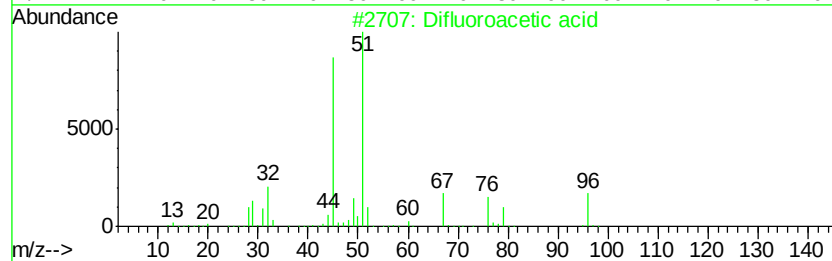
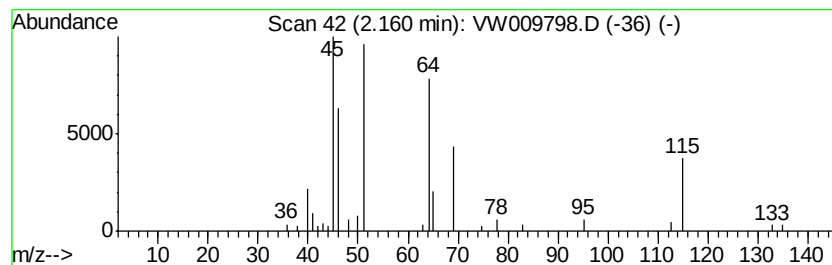
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 1 Difluoroacetic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	3.23 ug/L	23834	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Difluoroacetic acid	96	C2H2F2O2	000381-73-7	9
2			Cyclohexane-d12	96	C6D12	001735-17-7	9
3			Difluoroaminofluoroaminodifluoro...	136	CHF5N2	037931-37-6	9
4			Ethyl Chloride	64	C2H5Cl	000075-00-3	4
5			Ethyl Chloride	64	C2H5Cl	000075-00-3	4



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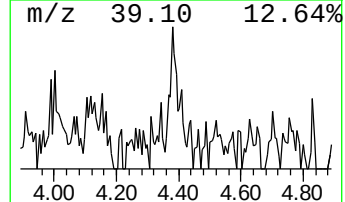
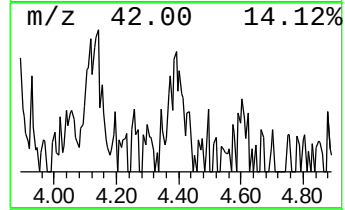
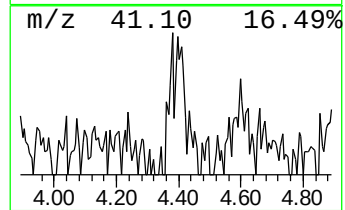
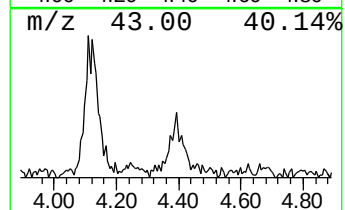
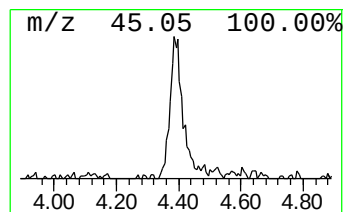
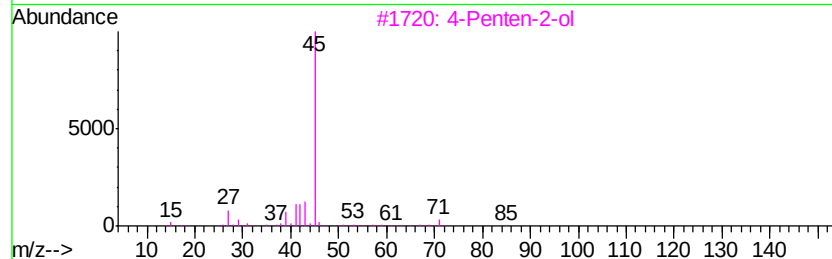
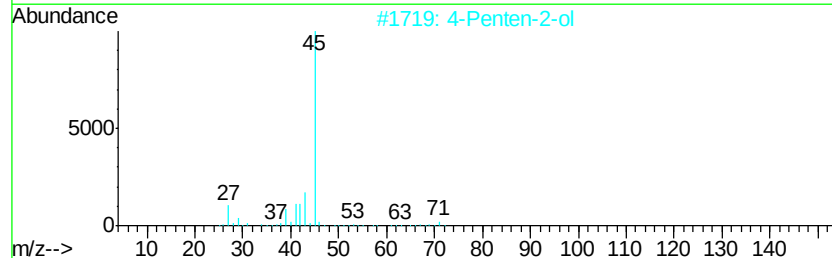
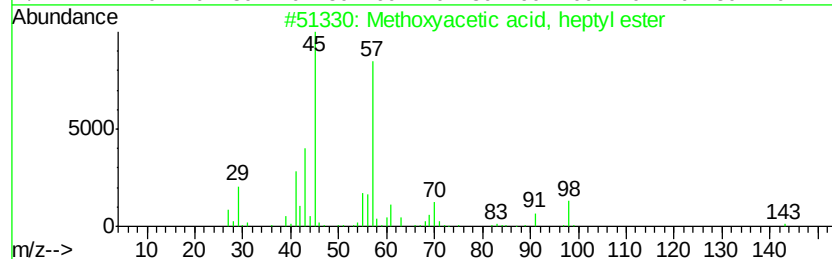
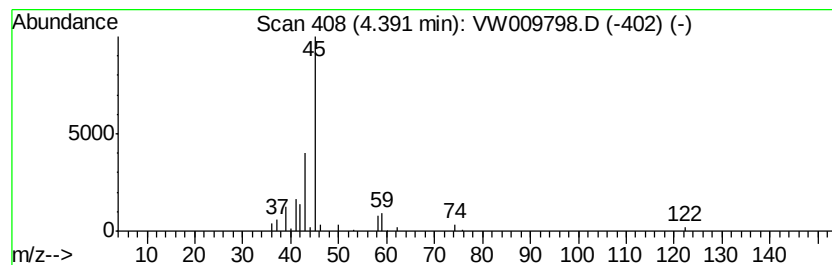
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Methoxyacetic acid, heptyl ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	2.22 ug/L	16369	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methoxyvacetic acid, heptyl ester	188	C10H20O3	168920-36-3	9
2		4-Penten-2-ol	86	C5H10O	000625-31-0	9
3		4-Penten-2-ol	86	C5H10O	000625-31-0	9
4		Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	9
5		Butane, 1-chloro-4-methoxy-	122	C5H11ClO	017913-18-7	5



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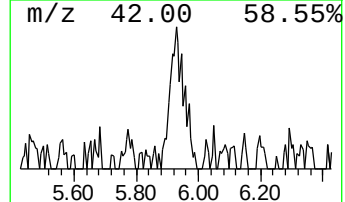
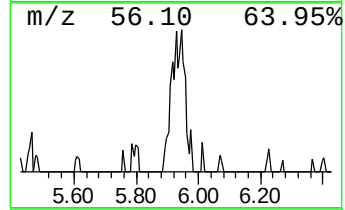
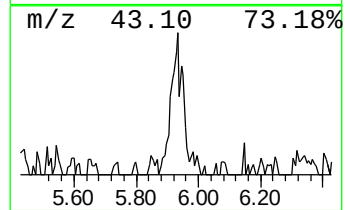
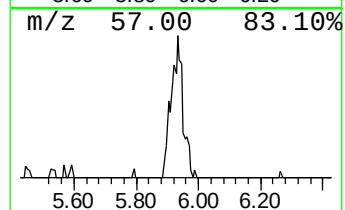
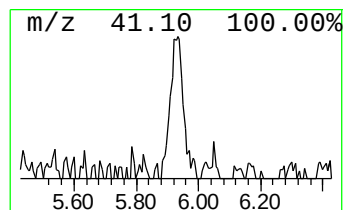
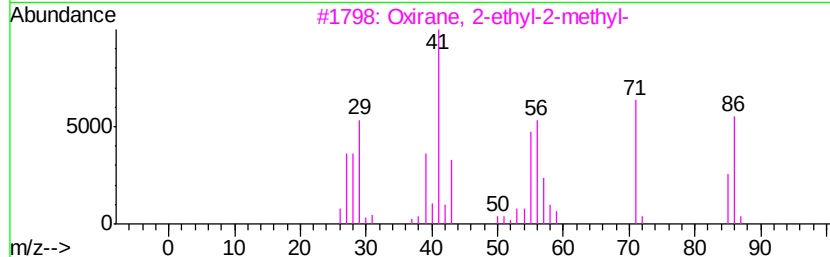
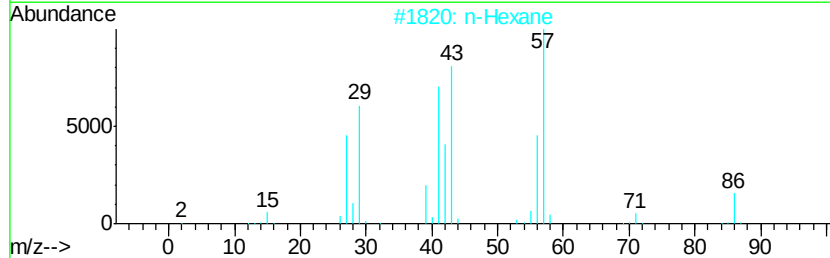
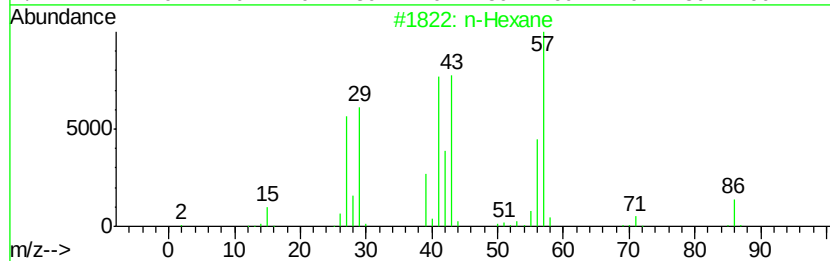
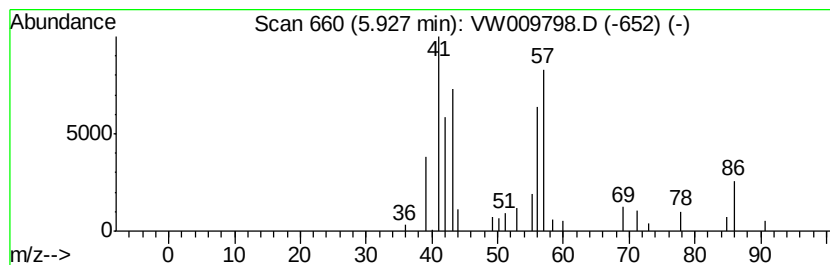
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.51 ug/L	18495	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	40
2		n-Hexane	86	C6H14	000110-54-3	40
3		Oxirane, 2-ethyl-2-methyl-	86	C5H10O	030095-63-7	35
4		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	32
5		Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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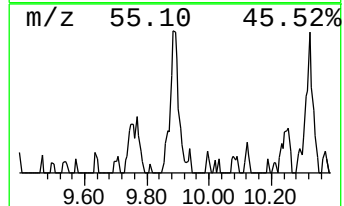
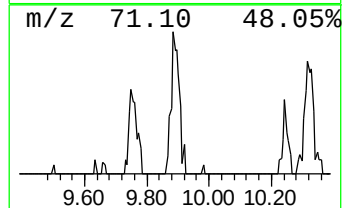
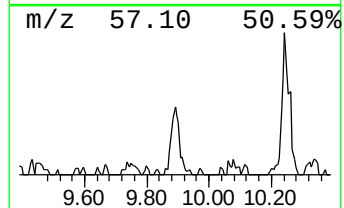
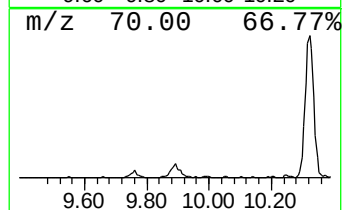
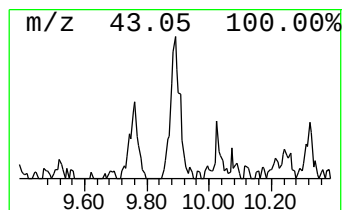
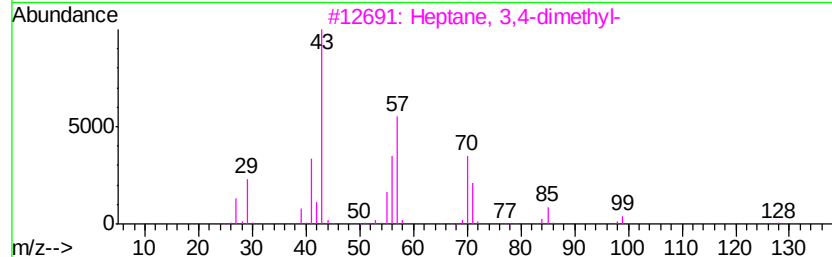
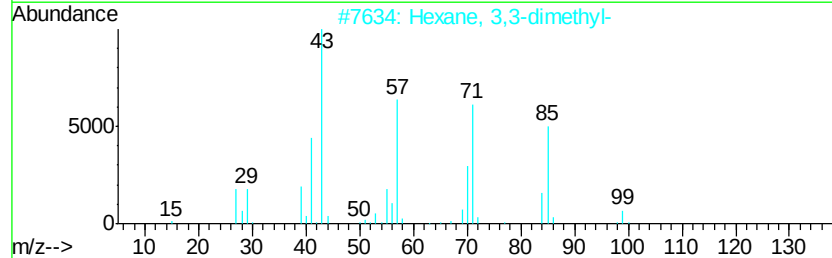
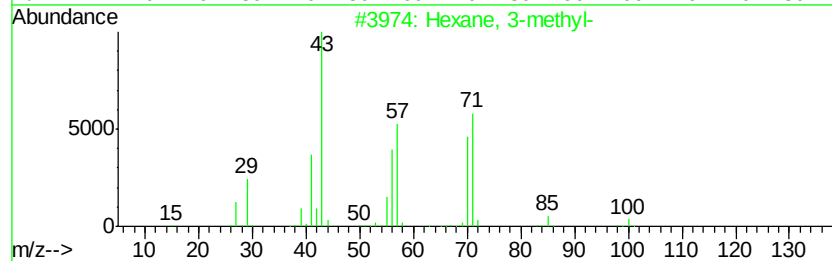
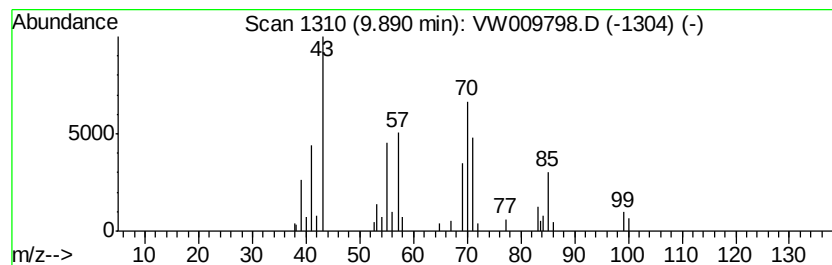
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2.29 ug/L	16881	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53
2		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
3		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	45
4		1-Heptene, 4-methyl-	112	C8H16	013151-05-8	43
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

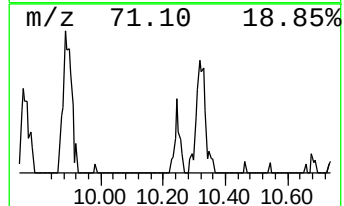
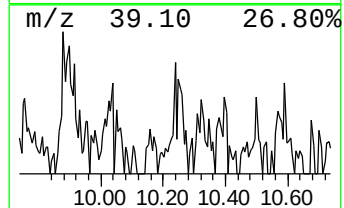
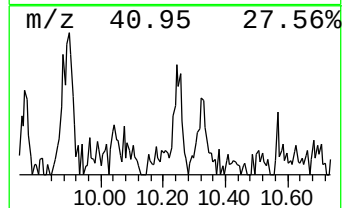
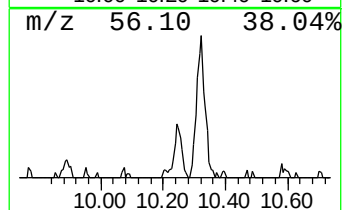
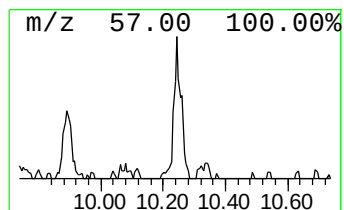
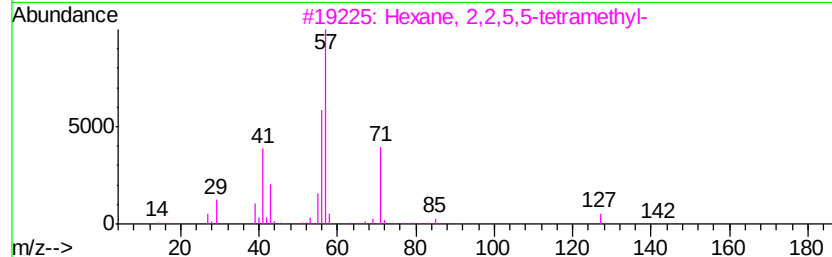
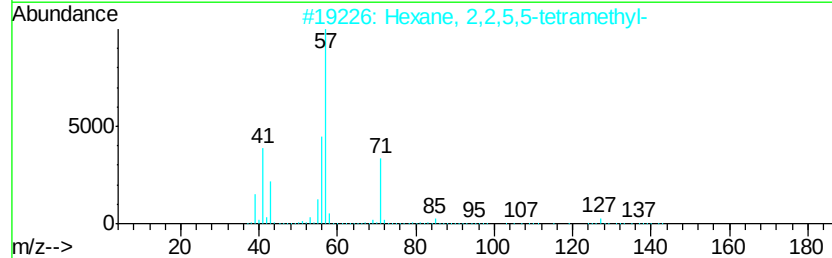
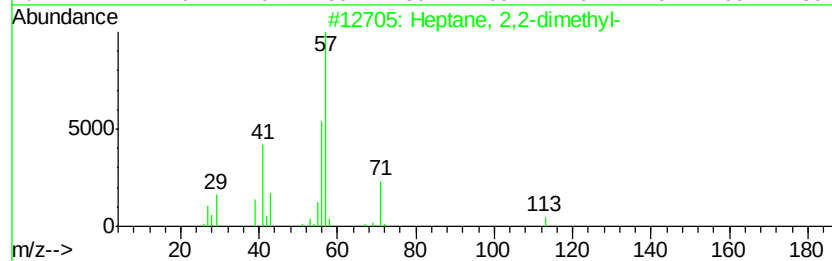
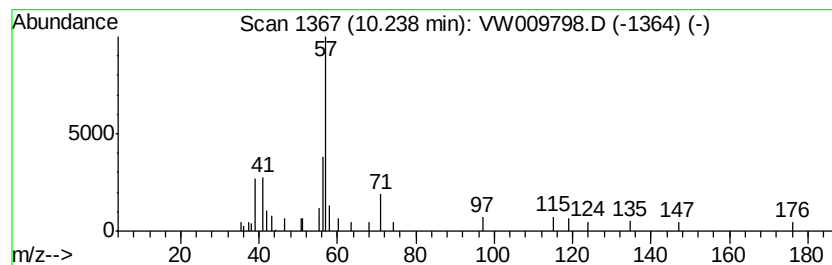
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.24	1.57 ug/L	8450	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	40
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	36
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	33
4	Cyanoic acid, ethyl ester	71	C3H5NO	000627-48-5	9
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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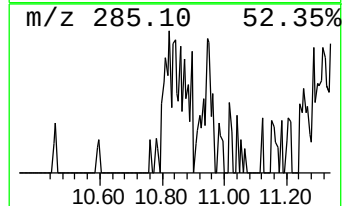
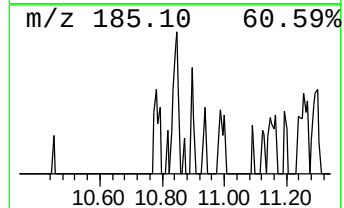
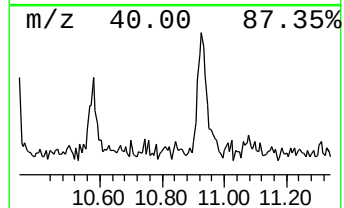
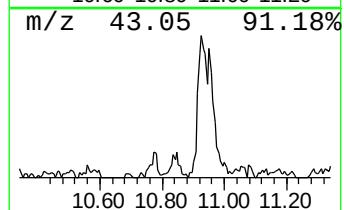
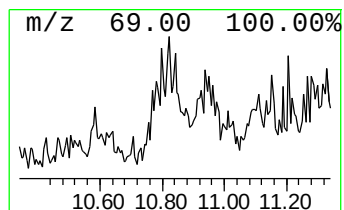
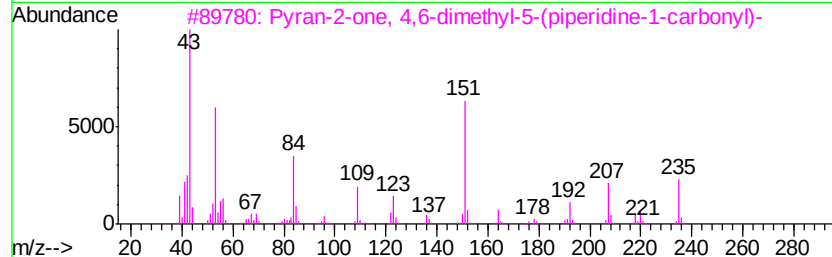
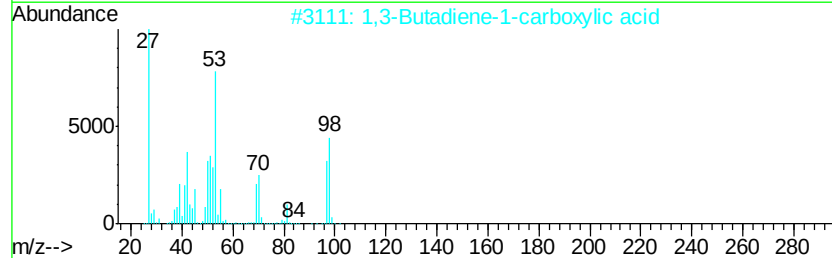
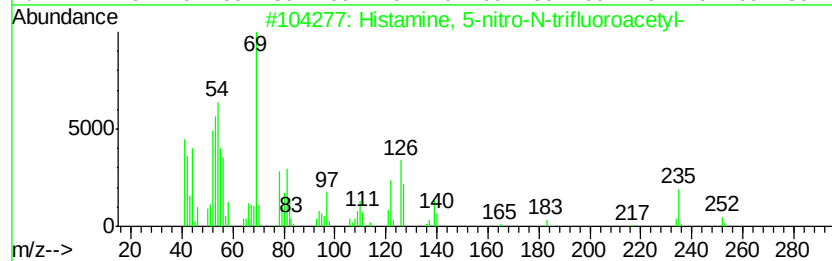
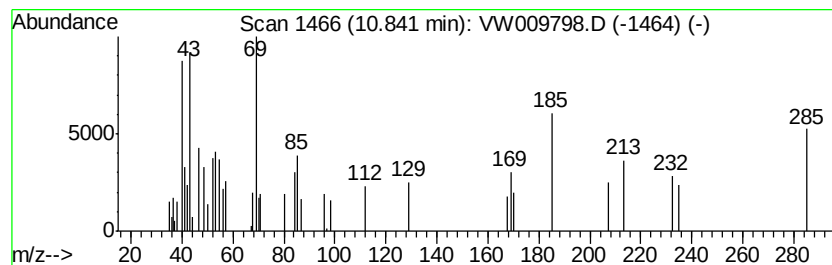
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Quant Title : VOC Analysis

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

Peak Number 8 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	1.81 ug/L	9740	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Histamine, 5-nitro-N-trifluoroac...	252	C7H7F3N4O3	1000129-60-1	10
2		1,3-Butadiene-1-carboxylic acid	98	C5H6O2	000626-99-3	10
3		Pvran-2-one, 4,6-dimethyl-5-(pip...	235	C13H17N03	1000310-91-6	9
4		Ethanol, 2-[(1-methylene-2-prope...	114	C6H10O2	038653-51-9	9
5		2-Butyn-1-ol	70	C4H6O	000764-01-2	7



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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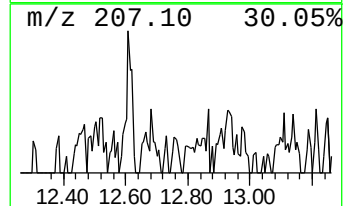
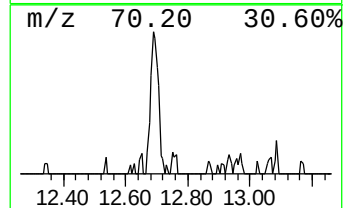
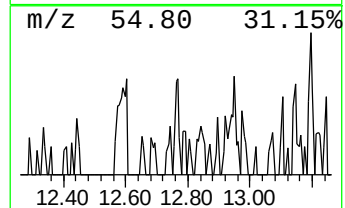
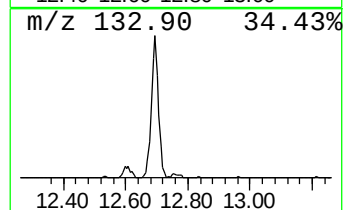
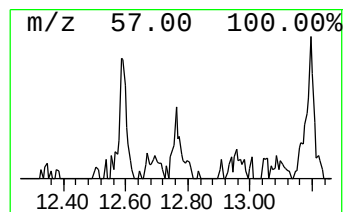
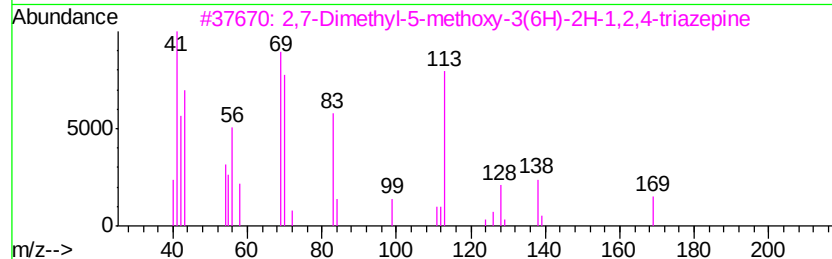
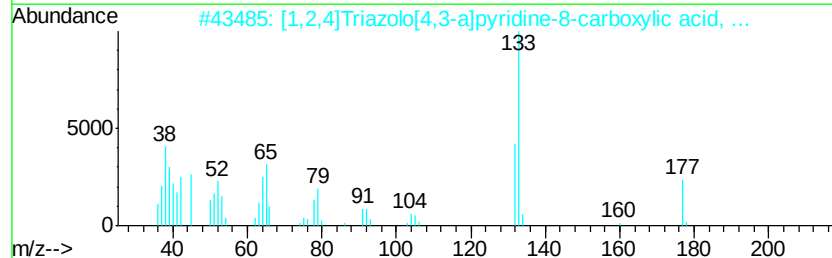
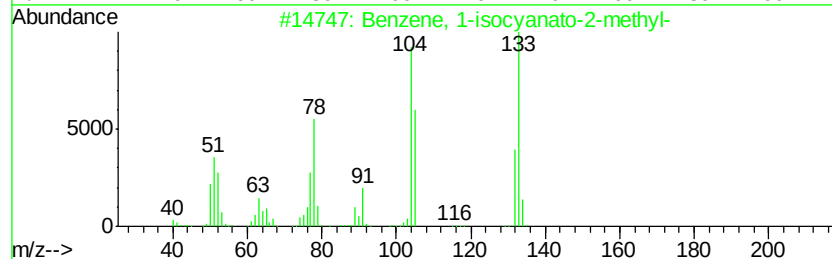
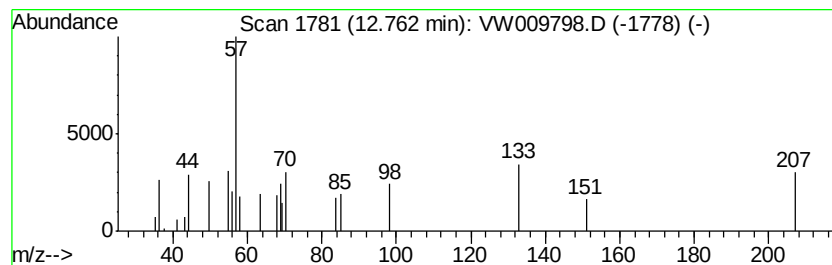
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Quant Title : VOC Analysis

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

Peak Number 10 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	1.80 ug/L	2879	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	22
2			[1,2,4]Triazolo[4,3-a]pyridine-8...	177	C8H7N3O2	1000362-62-9	17
3			2,7-Dimethyl-5-methoxy-3(6H)-2H-...	169	C7H11N3O2	066425-08-9	10
4			2,7-Dimethyl-3-oxo-5-methoxy-3,6...	169	C7H11N3O2	1000143-29-0	10
5			Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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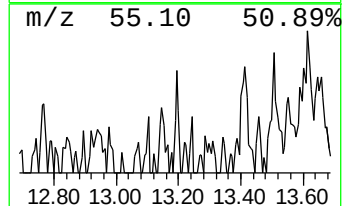
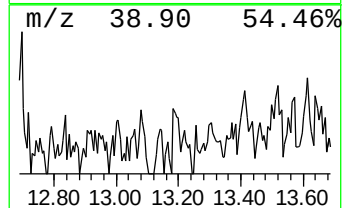
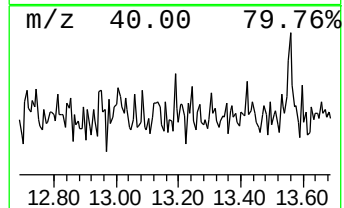
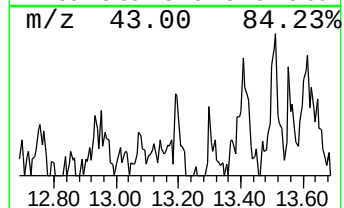
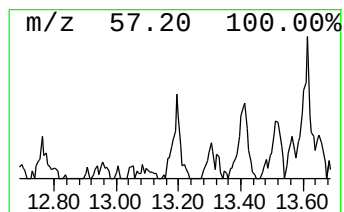
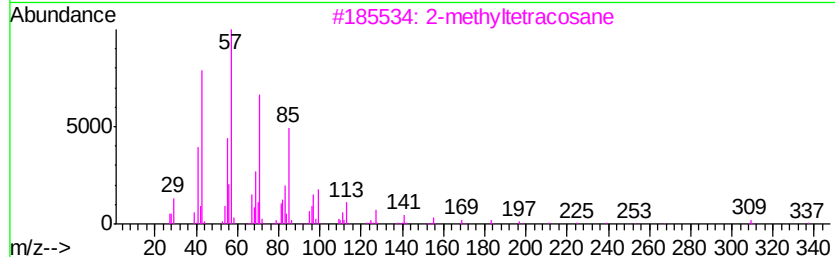
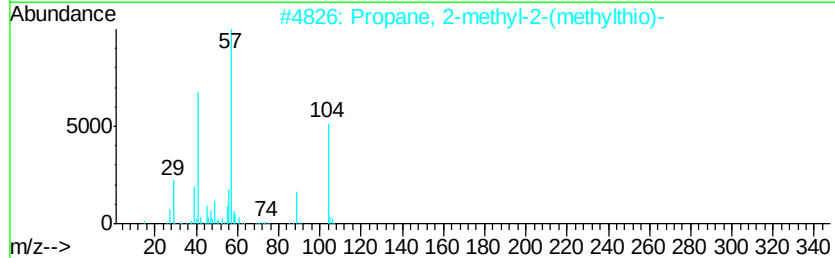
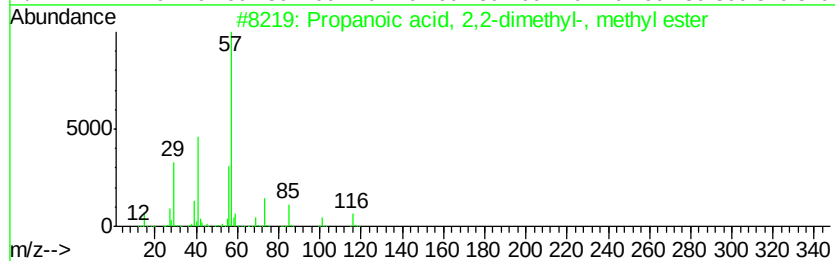
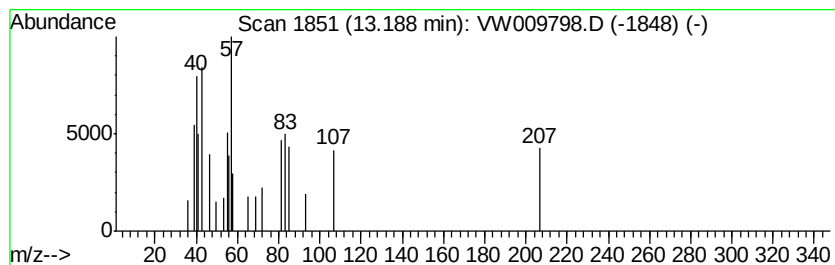
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Quant Title : VOC Analysis

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

Peak Number 12 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.29 ug/L	5256	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	17
2		Propane, 2-methyl-2-(methylthio)-	104	C5H12S	006163-64-0	9
3		2-methyltetracosane	352	C25H52	1000376-72-6	9
4		Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	9
5		Sulfone, 2-hydroxypropyl t-butyl	180	C7H16O3S	154619-05-3	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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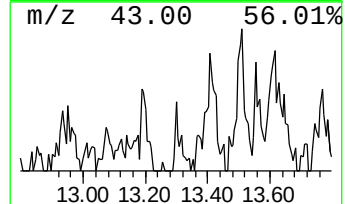
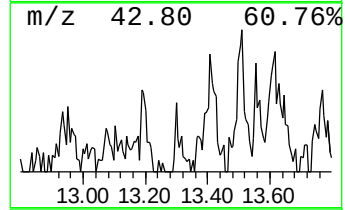
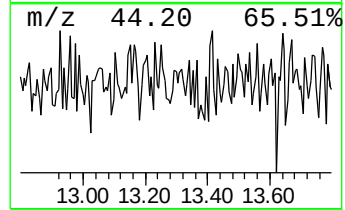
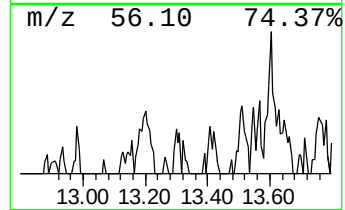
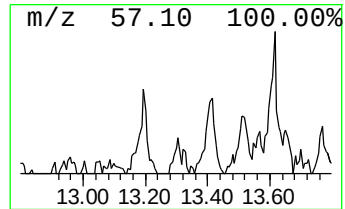
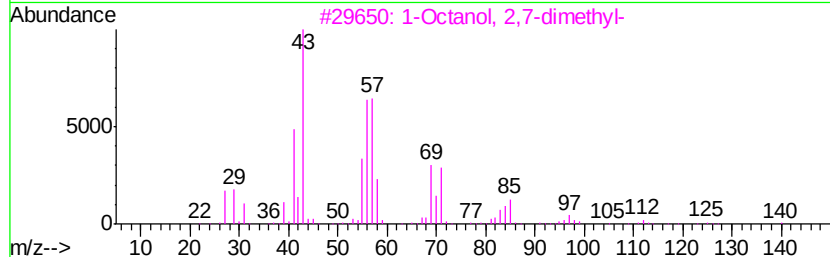
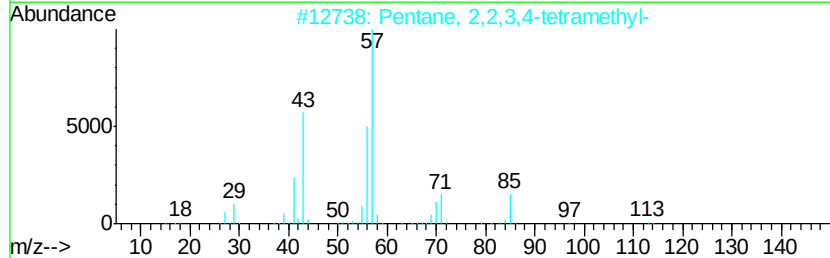
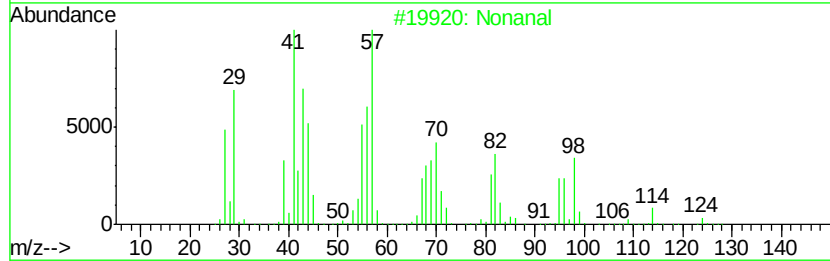
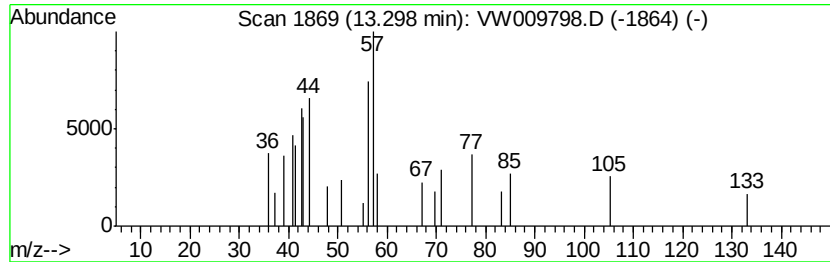
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Quant Title : VOC Analysis

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

Peak Number 13 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.25 ug/L	3583	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	25
2		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	12
3		1-Octanol, 2,7-dimethyl-	158	C10H22O	015250-22-3	12
4		3-Butenenitrile	67	C4H5N	000109-75-1	9
5		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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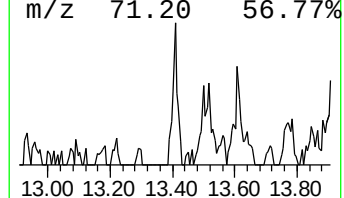
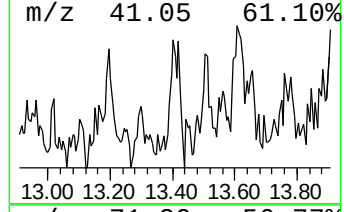
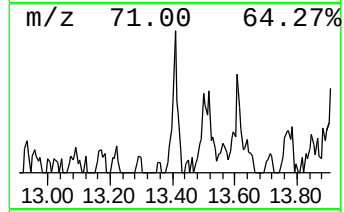
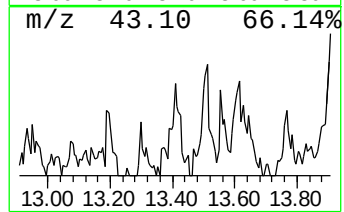
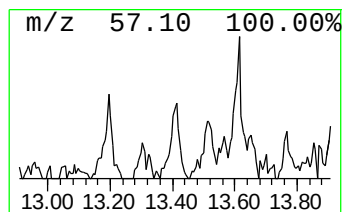
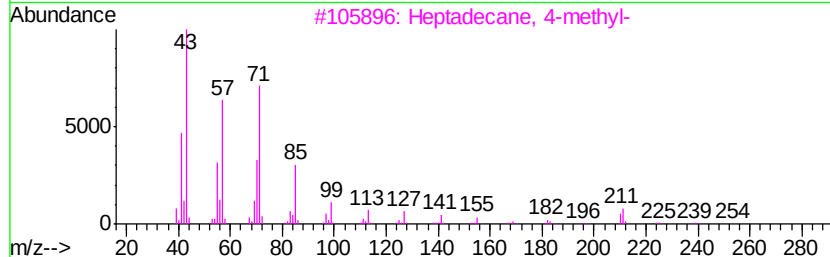
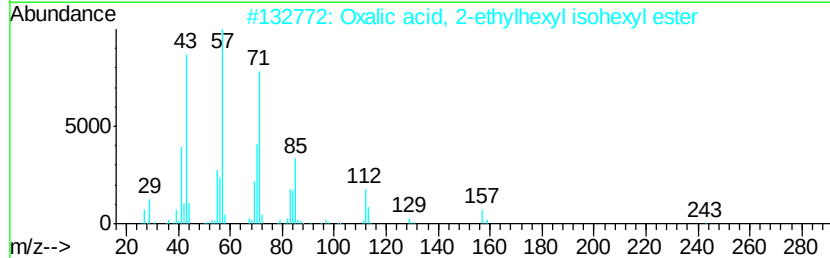
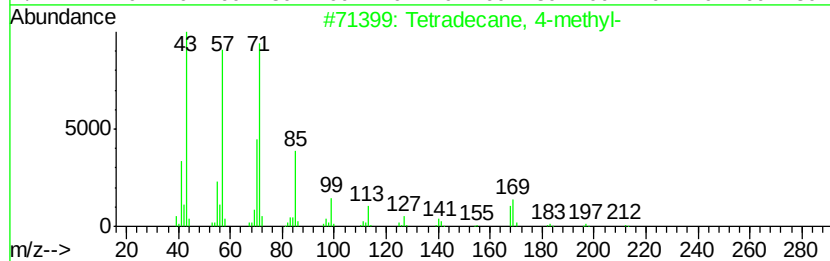
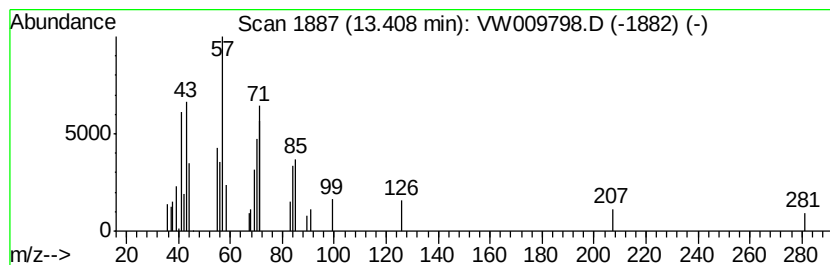
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	5.45 ug/L	8698	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	53
2			Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	47
3			Heptadecane, 4-methyl-	254	C18H38	026429-11-8	42
4			Octadecane, 4-methyl-	268	C19H40	010544-95-3	40
5			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BF609

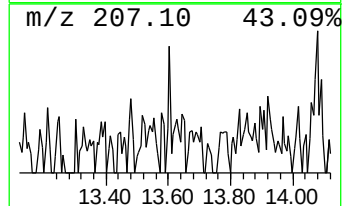
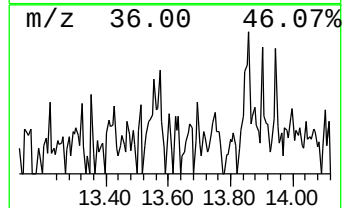
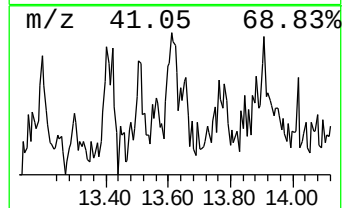
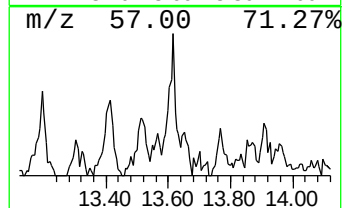
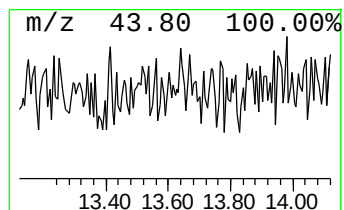
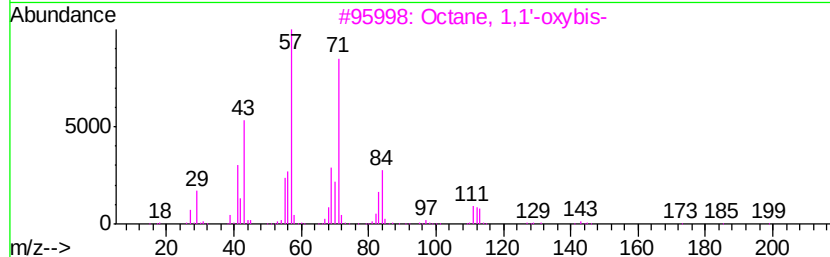
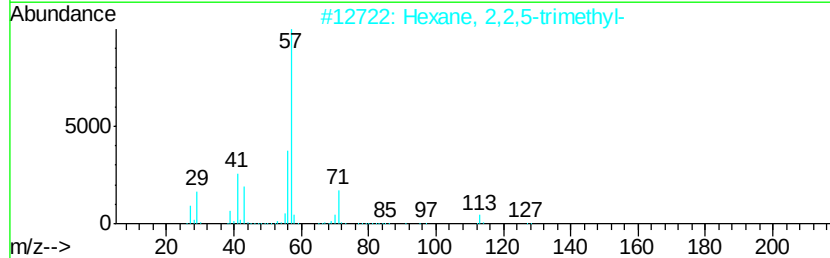
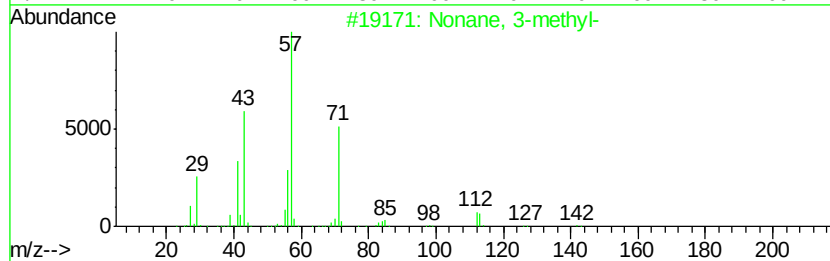
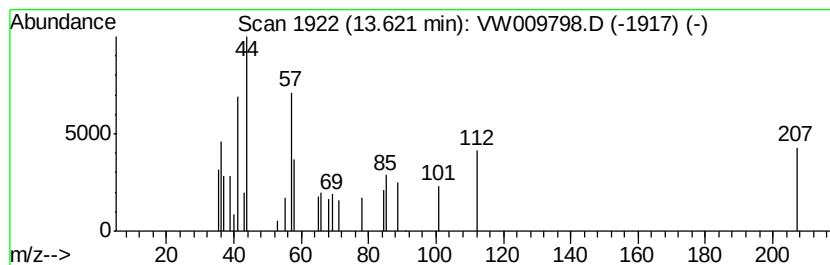
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.70 ug/L	5902	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	40
2		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	38
3		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	33
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	33
5		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	33



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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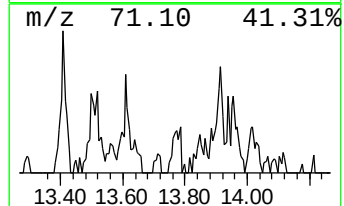
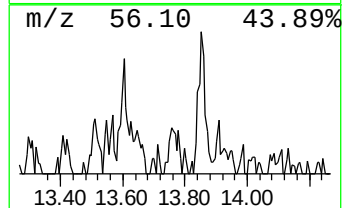
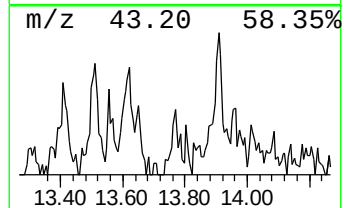
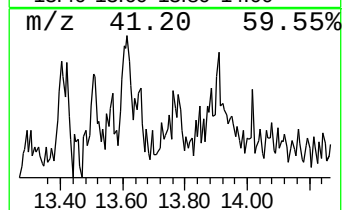
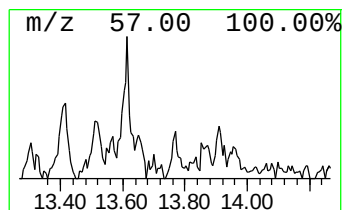
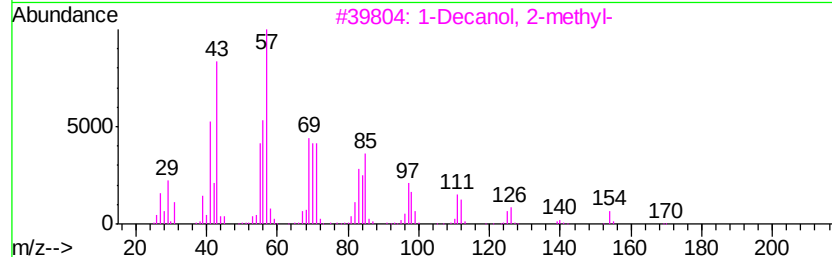
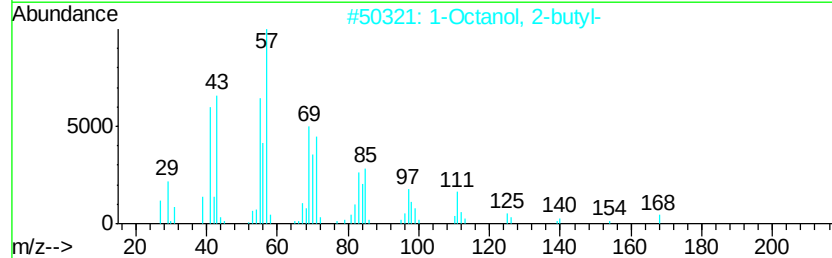
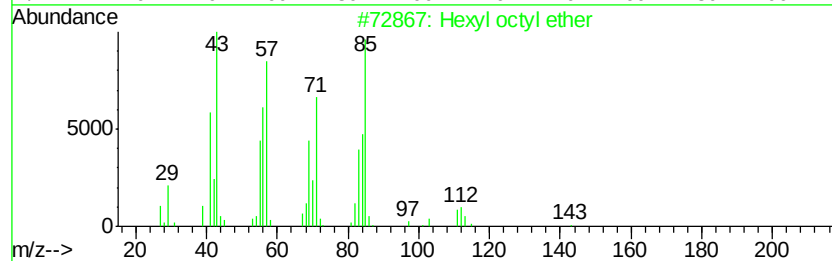
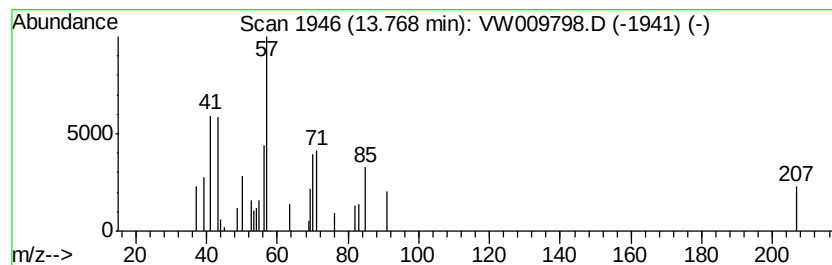
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Quant Title : VOC Analysis

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

Peak Number 16 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.33 ug/L	5310	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexyl octyl ether	214	C14H30O	017071-54-4	27
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	23
3		1-Decanol, 2-methyl-	172	C11H24O	018675-24-6	23
4		Octadecane, 1-(ethenyl)-	296	C20H40O	000930-02-9	23
5		Acetic acid, dichloro-, heptyl e...	226	C9H16Cl2O2	083004-97-1	16



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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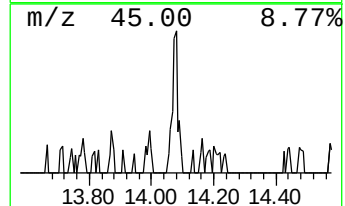
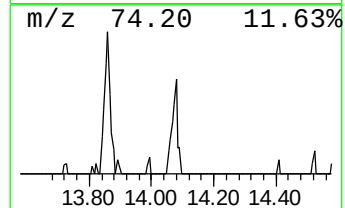
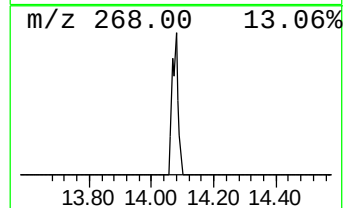
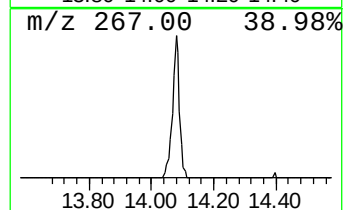
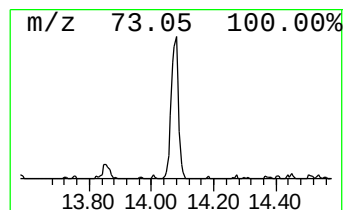
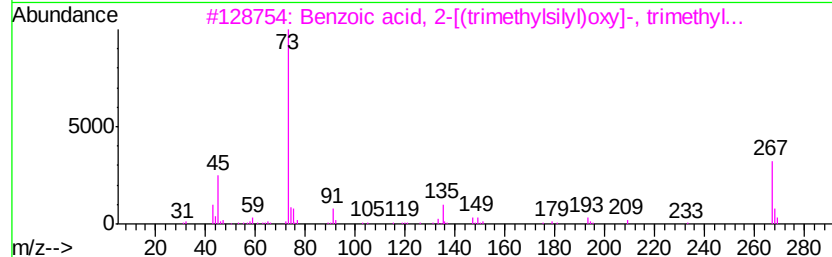
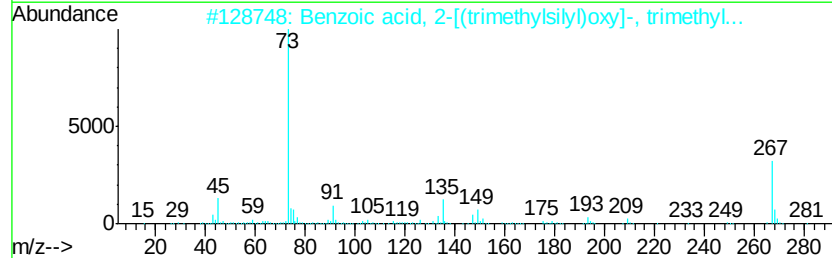
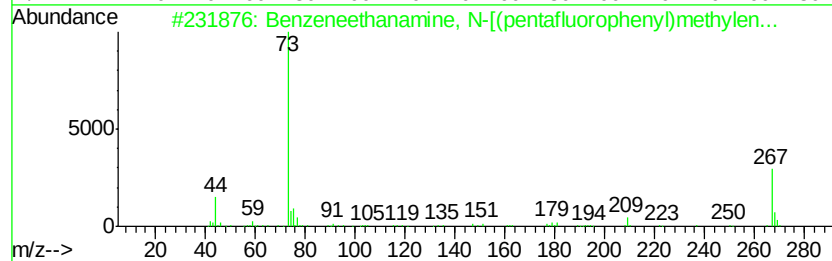
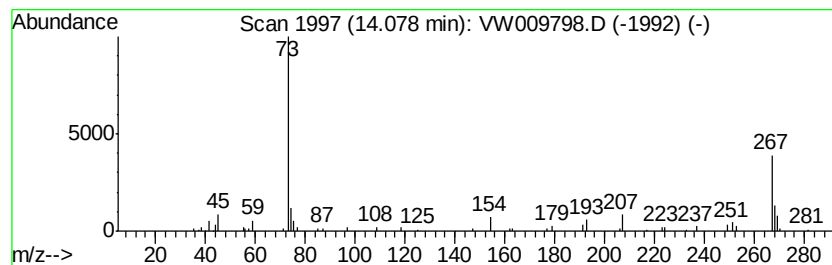
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Quant Title : VOC Analysis

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

Peak Number 17 unknown-06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	15.66 ug/L	24980	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenethanamine, N-[(pentafluoro...	475	C21H26F5N02Si2	055429-85-1	45
2		Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	38
3		Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	10
4		3,5-Dimethoxyphenylacetic acid, ...	268	C13H20O4Si	1000071-82-4	10
5		4-Methylcatechol, bis(trimethyls...	268	C13H24O2Si2	1000332-79-9	10



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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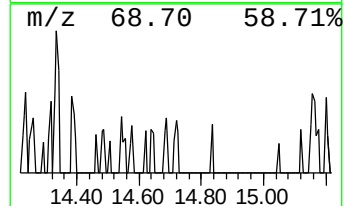
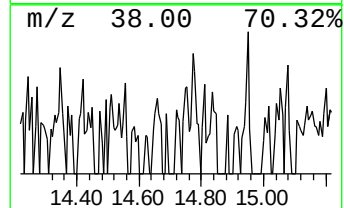
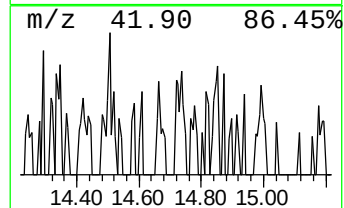
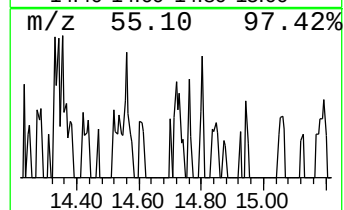
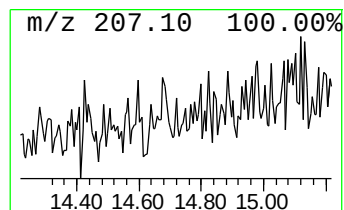
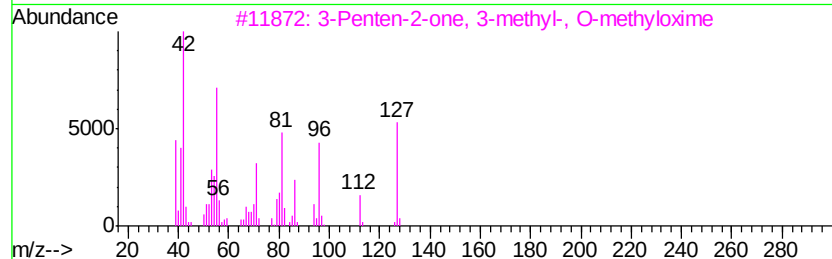
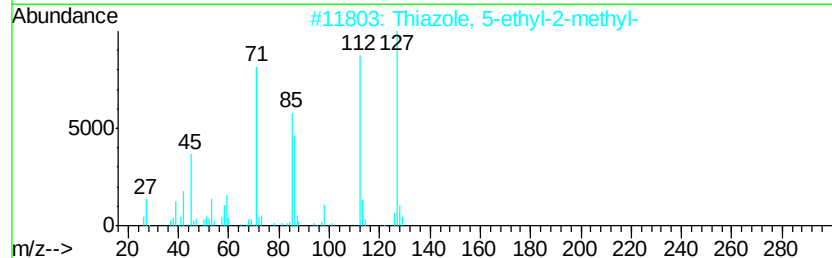
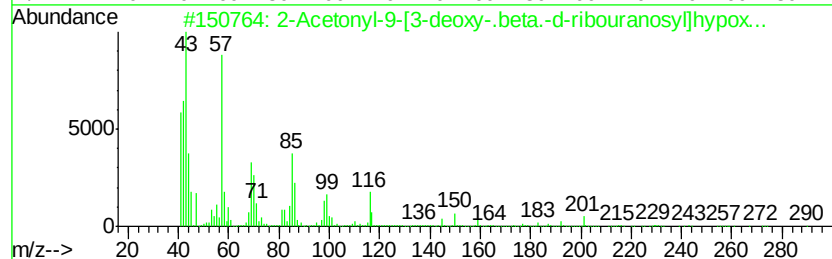
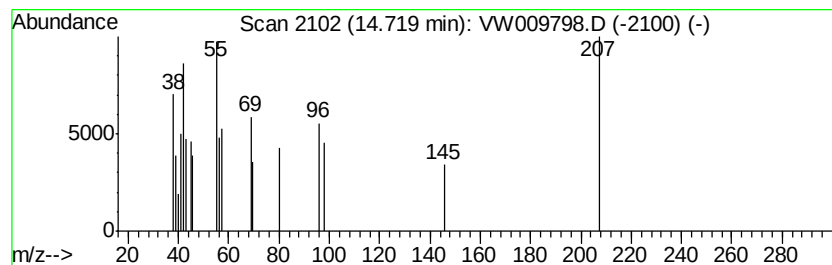
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Quant Title : VOC Analysis

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

Peak Number 19 unknown-07 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	1.31 ug/L	2088	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Acetonvl-9-[3-deoxv-.beta.-d-r...	308	C13H16N4O5	132121-67-6	12
2			Thiazole, 5-ethyl-2-methyl-	127	C6H9NS	019961-52-5	10
3			3-Penten-2-one, 3-methyl-, O-met...	127	C7H13NO	039209-03-5	9
4			Piperidine, 1-acetyl-	127	C7H13NO	000618-42-8	9
5			Thiazole, 4-ethyl-2-methyl-	127	C6H9NS	032272-48-3	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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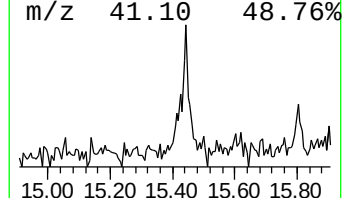
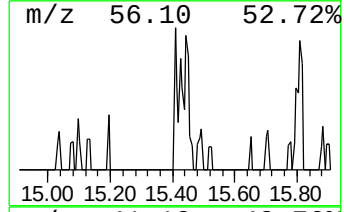
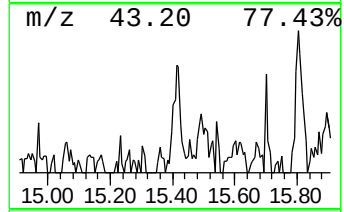
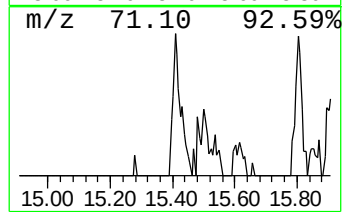
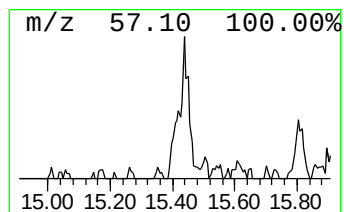
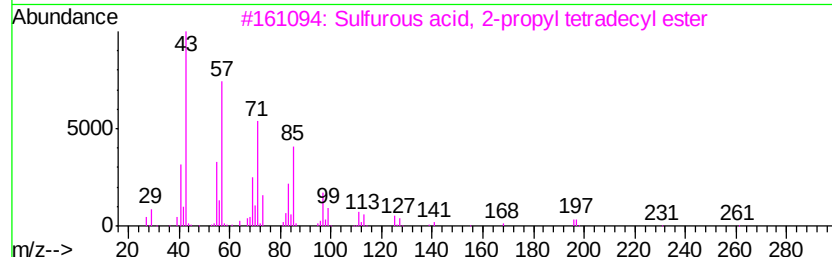
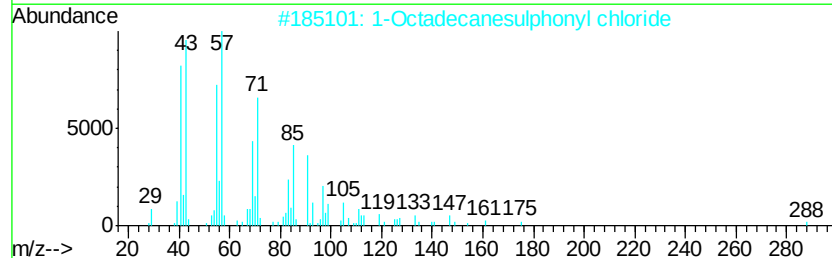
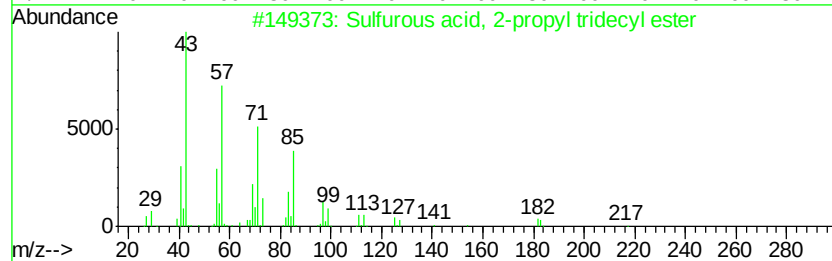
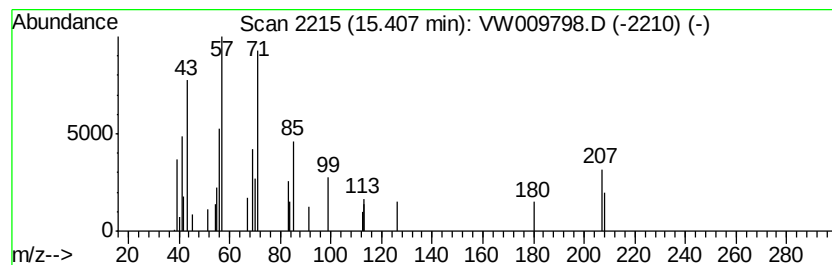
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Quant Title : VOC Analysis

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

Peak Number 20 unknown-08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	4.26 ug/L	6792	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	43
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	43
3			Sulfurous acid, 2-propyl tetradecyl...	320	C17H36O3S	1000309-12-5	43
4			Tetradecane	198	C14H30	000629-59-4	38
5			Decane	142	C10H22	000124-18-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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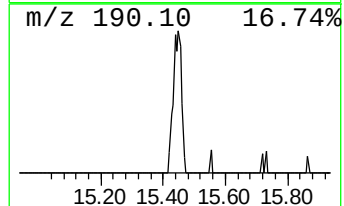
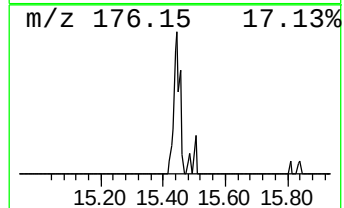
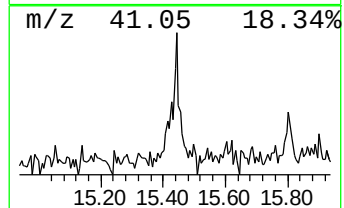
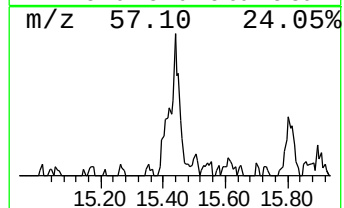
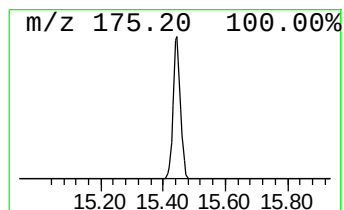
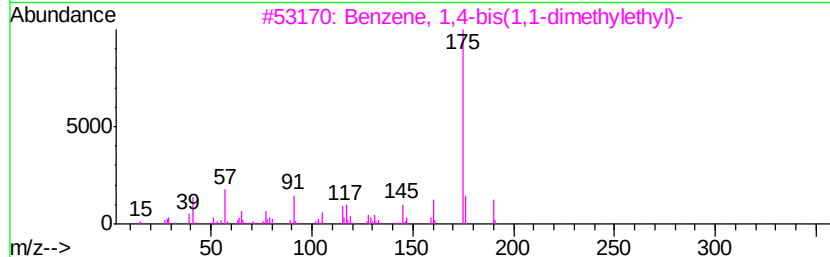
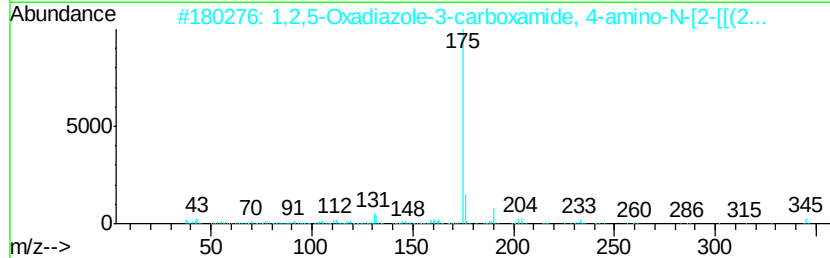
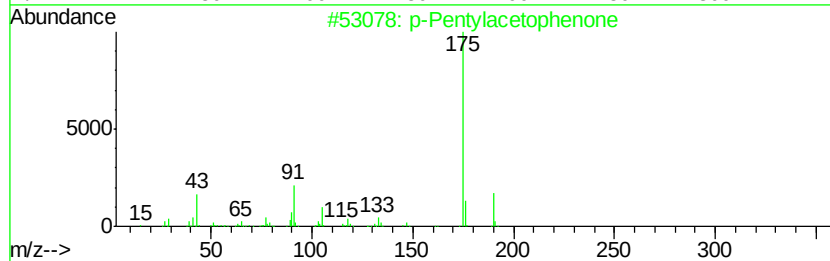
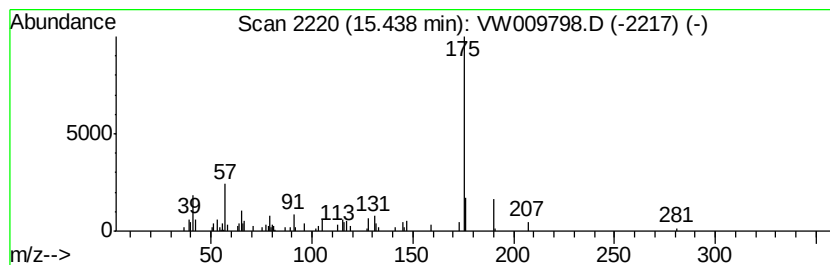
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Quant Title : VOC Analysis

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

Peak Number 21 p-Pentylacetophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	15.39 ug/L	24549	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Pentylacetophenone	190	C13H18O	037593-02-5	64
2		1,2,5-Oxadiazole-3-carboxamide, ...	345	C15H19N7O3	1000316-28-8	64
3		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	59
4		Isoquinolin-6,7-diol, 1-methyl-	175	C10H9NO2	123438-49-3	53
5		p-Pentylacetophenone	190	C13H18O	037593-02-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

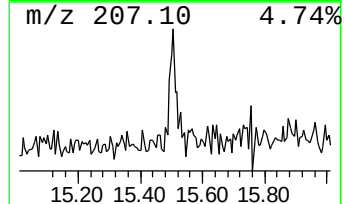
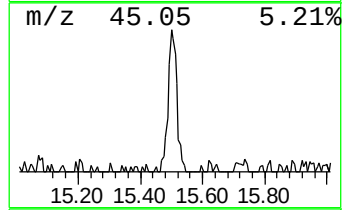
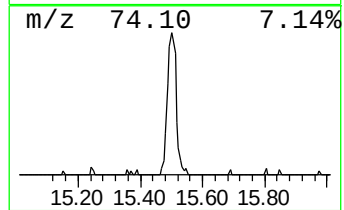
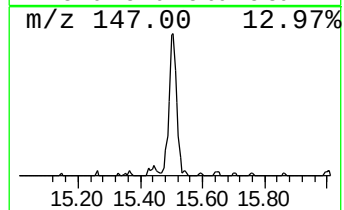
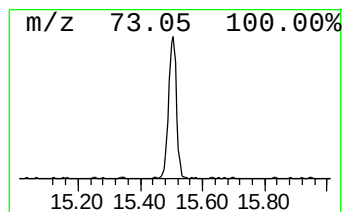
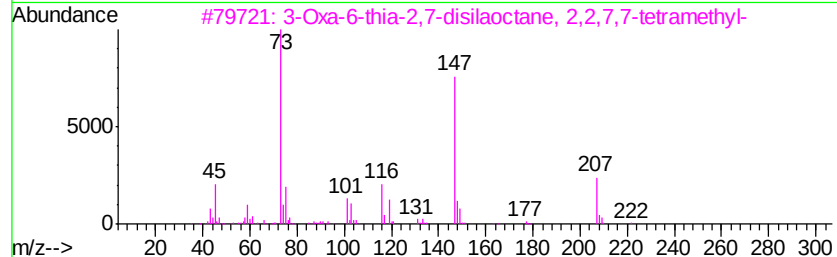
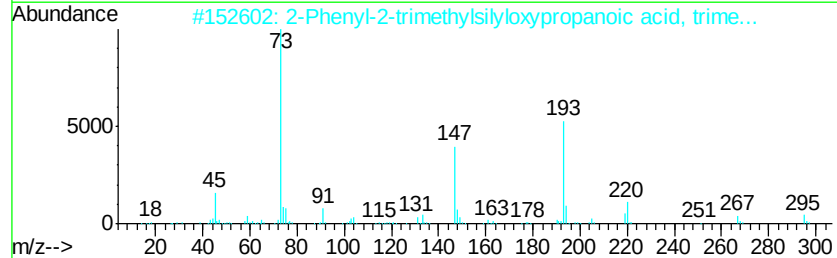
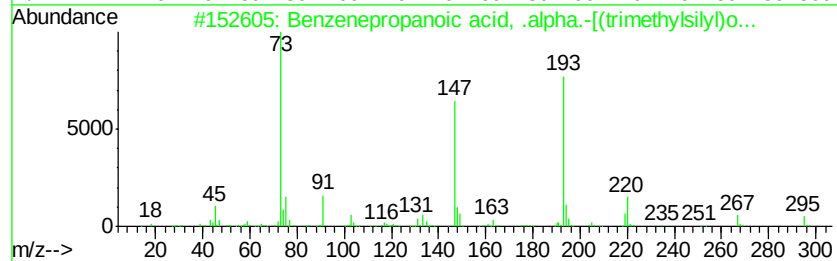
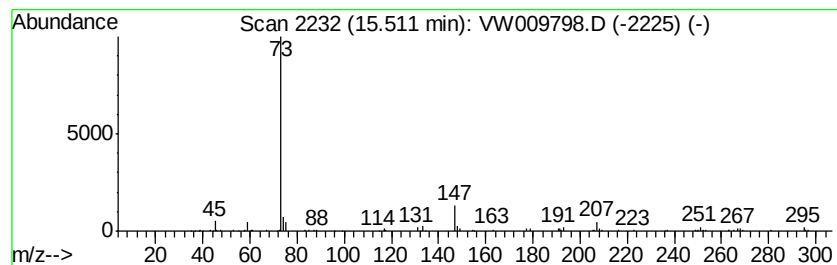
Instrument :
MSVOA_W
ClientSampleId :
BF609

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 22 unknown-09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	55.53 ug/L	88609	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzenepropanoic acid, .alpha.-[...	310 C15H26O3Si2	027750-45-4 43
2		2-Phenyl-2-trimethylsilyloxyprop...	310 C15H26O3Si2	082326-12-3 38
3		3-Oxa-6-thia-2,7-disilaooctane, 2...	222 C8H22O5Si2	078921-31-0 37
4		Ribitol, 1,2,3,4,5-pentakis-O-(t...	512 C20H52O5Si5	032381-53-6 28
5		Propanedioic acid, [(trimethylsi...	336 C12H28O5Si3	038165-93-4 28



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009798.D
Acq On : 07 Apr 2019 04:25
Operator : SY/VA
Sample : K2217-19
Misc : 4.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF609

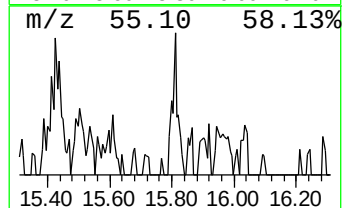
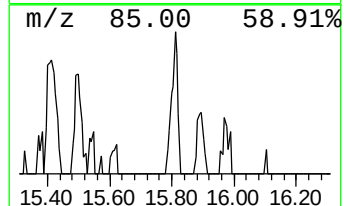
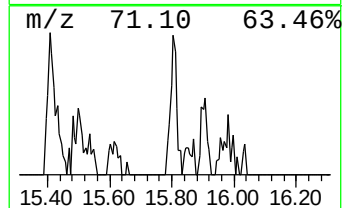
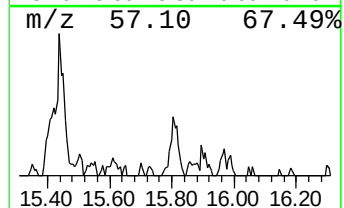
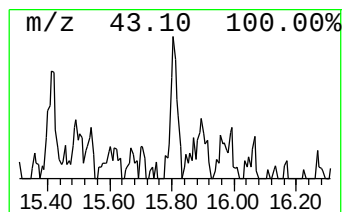
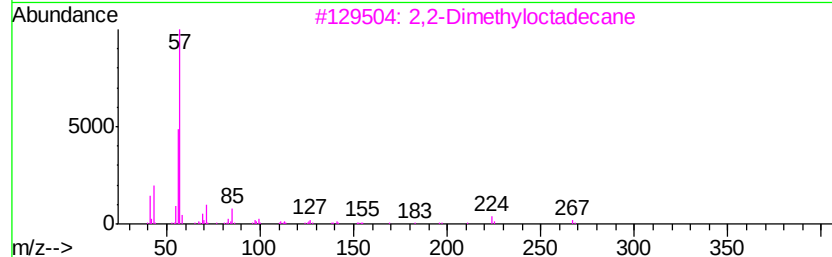
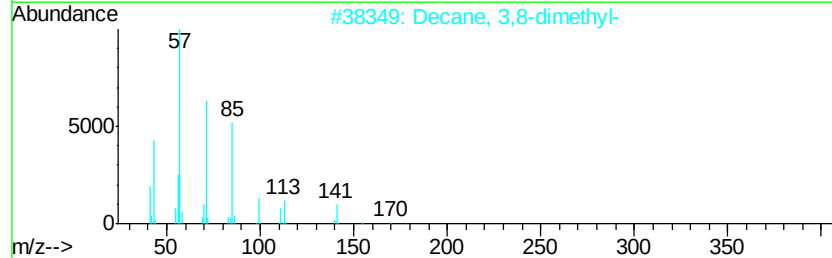
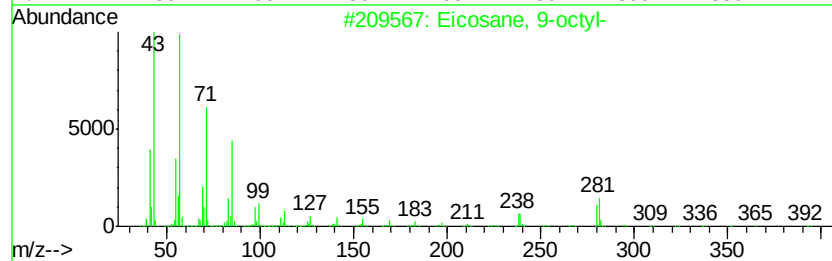
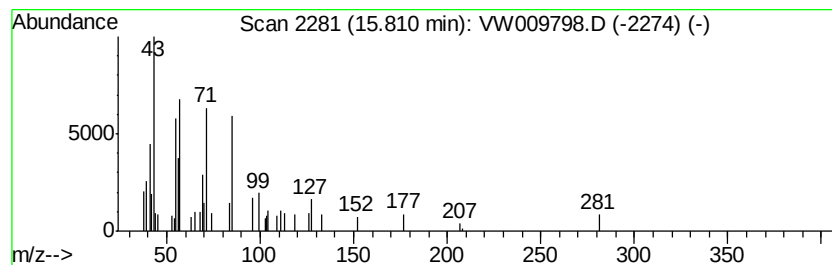
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	6.49 ug/L	10353	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	59
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
3		2,2-Dimethyloctadecane	282	C20H42	1000360-43-2	50
4		Hexadecane	226	C16H34	000544-76-3	43
5		Heptacosane	380	C27H56	000593-49-7	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009798.D
 Acq On : 07 Apr 2019 04:25
 Operator : SY/VA
 Sample : K2217-19
 Misc : 4.70G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF609

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.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
Difluoroacetic acid	2.16	3.2	ug/L	23834	1	8.84	184541	25.0
Methoxyacetic aci...	4.39	2.2	ug/L	16369	1	8.84	184541	25.0
(DEL) Alkane: Str...	5.93	2.5	ug/L	18495	1	8.84	184541	25.0
(DEL) Alkane: Str...	9.89	2.3	ug/L	16881	1	8.84	184541	25.0
(DEL) Alkane: Str...	10.24	1.6	ug/L	8450	2	11.63	134284	25.0
unknown-01	10.84	1.8	ug/L	9740	2	11.63	134284	25.0
unknown-02	12.76	1.8	ug/L	2879	3	13.56	39890	25.0
unknown-03	13.19	3.3	ug/L	5256	3	13.56	39890	25.0
unknown-04	13.30	2.3	ug/L	3583	3	13.56	39890	25.0
(DEL) Alkane: Str...	13.41	5.5	ug/L	8698	3	13.56	39890	25.0
(DEL) Alkane: Str...	13.62	3.7	ug/L	5902	3	13.56	39890	25.0
unknown-05	13.77	3.3	ug/L	5310	3	13.56	39890	25.0
unknown-06	14.08	15.7	ug/L	24980	3	13.56	39890	25.0
unknown-07	14.72	1.3	ug/L	2088	3	13.56	39890	25.0
unknown-08	15.41	4.3	ug/L	6792	3	13.56	39890	25.0
p-Pentylacetophenone	15.44	15.4	ug/L	24549	3	13.56	39890	25.0
unknown-09	15.51	55.5	ug/L	88609	3	13.56	39890	25.0
(DEL) Alkane: Str...	15.81	6.5	ug/L	10353	3	13.56	39890	25.0