

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
 Data File : VW010238.D
 Acq On : 01 May 2019 05:12
 Operator : SY/VA
 Sample : K2602-16
 Misc : 3.96G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFHK9

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\SOM2WLM042919S.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	2.154	38	41	44	rBV4	3808	6407	0.44%	0.065%
2	2.355	69	74	88	rVB	61795	141149	9.74%	1.424%
3	2.892	156	162	175	rBV	54350	152470	10.52%	1.538%
4	3.794	308	310	312	rVB3	1127	1077	0.07%	0.011%
5	3.830	312	316	317	rBV2	1965	2582	0.18%	0.026%
6	4.013	336	346	361	rBV	131653	444578	30.68%	4.485%
7	4.300	390	393	394	rBV3	1184	1275	0.09%	0.013%
8	4.397	397	409	416	rBV3	10946	35583	2.46%	0.359%
9	4.897	483	491	492	rBV2	15562	24557	1.69%	0.248%
10	5.330	561	562	568	rVB3	1082	1424	0.10%	0.014%
11	5.714	621	625	629	rVB2	1040	1231	0.08%	0.012%
12	5.934	655	661	666	rVV8	2061	5108	0.35%	0.052%
13	6.007	670	673	675	rVB2	1135	1362	0.09%	0.014%
14	6.141	692	695	696	rBV2	1248	1075	0.07%	0.011%
15	6.671	777	782	784	rBV2	1150	1687	0.12%	0.017%
16	6.836	808	809	813	rBV2	994	1085	0.07%	0.011%
17	7.141	842	859	870	rVV4	17963	78049	5.39%	0.787%
18	7.379	895	898	900	rBV3	1024	1294	0.09%	0.013%
19	7.647	932	942	958	rVB	336250	821083	56.66%	8.283%
20	7.952	984	992	1002	rBV5	8735	24540	1.69%	0.248%
21	8.275	1034	1045	1062	rBV2	442023	1449182	100.00%	14.619%
22	8.519	1081	1085	1087	rBV4	781	1098	0.08%	0.011%
23	8.573	1091	1094	1096	rBV	908	1033	0.07%	0.010%
24	8.842	1130	1138	1150	rVV	462866	909663	62.77%	9.177%
25	9.080	1169	1177	1183	rBV6	8935	19552	1.35%	0.197%
26	9.147	1186	1188	1191	rVB3	1109	1084	0.07%	0.011%
27	9.275	1198	1209	1218	rBV	416918	843782	58.22%	8.512%
28	9.378	1224	1226	1232	rVB5	1646	2736	0.19%	0.028%
29	9.494	1243	1245	1249	rVB4	1115	1260	0.09%	0.013%
30	9.653	1269	1271	1279	rVB6	2643	4916	0.34%	0.050%
31	9.762	1283	1289	1294	rBV7	4007	9818	0.68%	0.099%
32	9.842	1300	1302	1304	rBV2	1378	1243	0.09%	0.013%
33	9.884	1304	1309	1317	rVV6	10575	22477	1.55%	0.227%
34	9.939	1317	1318	1324	rVB5	3265	3465	0.24%	0.035%

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35	10.031	1324	1333	1342	rBV2	48528	94271	6.51%	0.951%
36	10.250	1363	1369	1374	rBV3	6104	11989	0.83%	0.121%
37	10.323	1374	1381	1388	rBV	475373	825895	56.99%	8.332%
38	10.396	1388	1393	1394	rBV3	11843	14275	0.99%	0.144%
39	10.506	1404	1411	1415	rBV7	5022	10061	0.69%	0.101%
40	10.579	1417	1423	1428	rVB	35580	60747	4.19%	0.613%
41	10.622	1428	1430	1431	rBV2	1259	1218	0.08%	0.012%
42	10.701	1437	1443	1448	rBV2	8598	16186	1.12%	0.163%
43	10.774	1451	1455	1459	rVV4	8855	16409	1.13%	0.166%
44	10.854	1462	1468	1471	rVV8	6283	13757	0.95%	0.139%
45	10.933	1475	1481	1494	rVV4	21836	65934	4.55%	0.665%
46	11.036	1497	1498	1500	rVV2	1917	1579	0.11%	0.016%
47	11.067	1500	1503	1505	rVV3	3240	4240	0.29%	0.043%
48	11.110	1508	1510	1514	rVV3	3334	4214	0.29%	0.043%
49	11.140	1514	1515	1517	rVV	1832	1145	0.08%	0.012%
50	11.183	1518	1522	1525	rVB4	2503	3374	0.23%	0.034%
51	11.280	1530	1538	1539	rBV5	4977	8618	0.59%	0.087%
52	11.402	1555	1558	1563	rVB6	3613	6004	0.41%	0.061%
53	11.500	1572	1574	1575	rBV2	1571	1313	0.09%	0.013%
54	11.536	1575	1580	1585	rVV7	4000	8609	0.59%	0.087%
55	11.634	1589	1596	1604	rVV	453572	777220	53.63%	7.841%
56	11.835	1626	1629	1634	rBV6	2424	4107	0.28%	0.041%
57	11.927	1641	1644	1645	rBV3	2443	2466	0.17%	0.025%
58	12.158	1680	1682	1683	rBV2	1345	1388	0.10%	0.014%
59	12.244	1691	1696	1699	rBV5	4639	7560	0.52%	0.076%
60	12.335	1707	1711	1713	rBV4	2454	2881	0.20%	0.029%
61	12.439	1724	1728	1730	rBV3	3744	4615	0.32%	0.047%
62	12.591	1746	1753	1762	rBV2	76620	157314	10.86%	1.587%
63	12.695	1762	1770	1776	rVV	316863	520329	35.91%	5.249%
64	12.756	1776	1780	1790	rVB2	25197	52747	3.64%	0.532%
65	12.841	1792	1794	1796	rBV3	1703	1470	0.10%	0.015%
66	12.963	1803	1814	1819	rBV3	24547	59671	4.12%	0.602%
67	13.012	1820	1822	1826	rVB2	5143	6470	0.45%	0.065%
68	13.115	1833	1839	1842	rBV6	7191	13022	0.90%	0.131%
69	13.195	1843	1852	1864	rVB	75552	164701	11.37%	1.661%
70	13.304	1864	1870	1876	rBV	54725	88166	6.08%	0.889%
71	13.414	1878	1888	1895	rBV	182157	338581	23.36%	3.416%

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72	13.481	1896	1899	1901	rVV3	16429	25201	1.74%	0.254%
73	13.524	1902	1906	1907	rVV2	31950	48219	3.33%	0.486%
74	13.560	1907	1912	1916	rVV	249063	424282	29.28%	4.280%
75	13.603	1916	1919	1929	rVB	161414	328662	22.68%	3.316%
76	13.768	1939	1946	1953	rBV3	58146	107270	7.40%	1.082%
77	13.853	1954	1960	1966	rBV	222333	379728	26.20%	3.831%
78	13.908	1966	1969	1973	rVB4	9430	14591	1.01%	0.147%
79	14.079	1992	1997	2006	rVB2	28579	52223	3.60%	0.527%
80	14.274	2024	2029	2035	rVB3	12403	22081	1.52%	0.223%
81	14.335	2036	2039	2044	rVB7	2976	4294	0.30%	0.043%
82	14.390	2046	2048	2049	rBV	1835	1290	0.09%	0.013%
83	14.603	2080	2083	2085	rVB4	1476	1158	0.08%	0.012%
84	14.639	2087	2089	2090	rBV2	1213	1086	0.07%	0.011%
85	14.725	2099	2103	2109	rVB6	2625	4495	0.31%	0.045%
86	14.889	2129	2130	2133	rBV3	1105	1272	0.09%	0.013%
87	15.091	2159	2163	2164	rBV2	1148	1169	0.08%	0.012%
88	15.146	2171	2172	2175	rVV2	1467	1197	0.08%	0.012%
89	15.377	2205	2210	2212	rBV3	2300	3821	0.26%	0.039%
90	15.414	2212	2216	2217	rVV3	6907	9156	0.63%	0.092%
91	15.444	2217	2221	2225	rVV2	17257	28838	1.99%	0.291%
92	15.505	2225	2231	2241	rVB	16644	31780	2.19%	0.321%
93	15.676	2254	2259	2260	rBV3	1826	1862	0.13%	0.019%
94	15.700	2260	2263	2267	rVB4	1537	2459	0.17%	0.025%
95	15.810	2273	2281	2286	rBV5	7176	14141	0.98%	0.143%
96	16.060	2320	2322	2329	rVB6	3170	5063	0.35%	0.051%
97	16.346	2367	2369	2372	rVB3	1266	1136	0.08%	0.011%
98	16.444	2381	2385	2388	rVB4	1308	1833	0.13%	0.018%
99	16.554	2401	2403	2406	rBV3	1535	1810	0.12%	0.018%
100	16.718	2426	2430	2431	rVV2	1060	1286	0.09%	0.013%

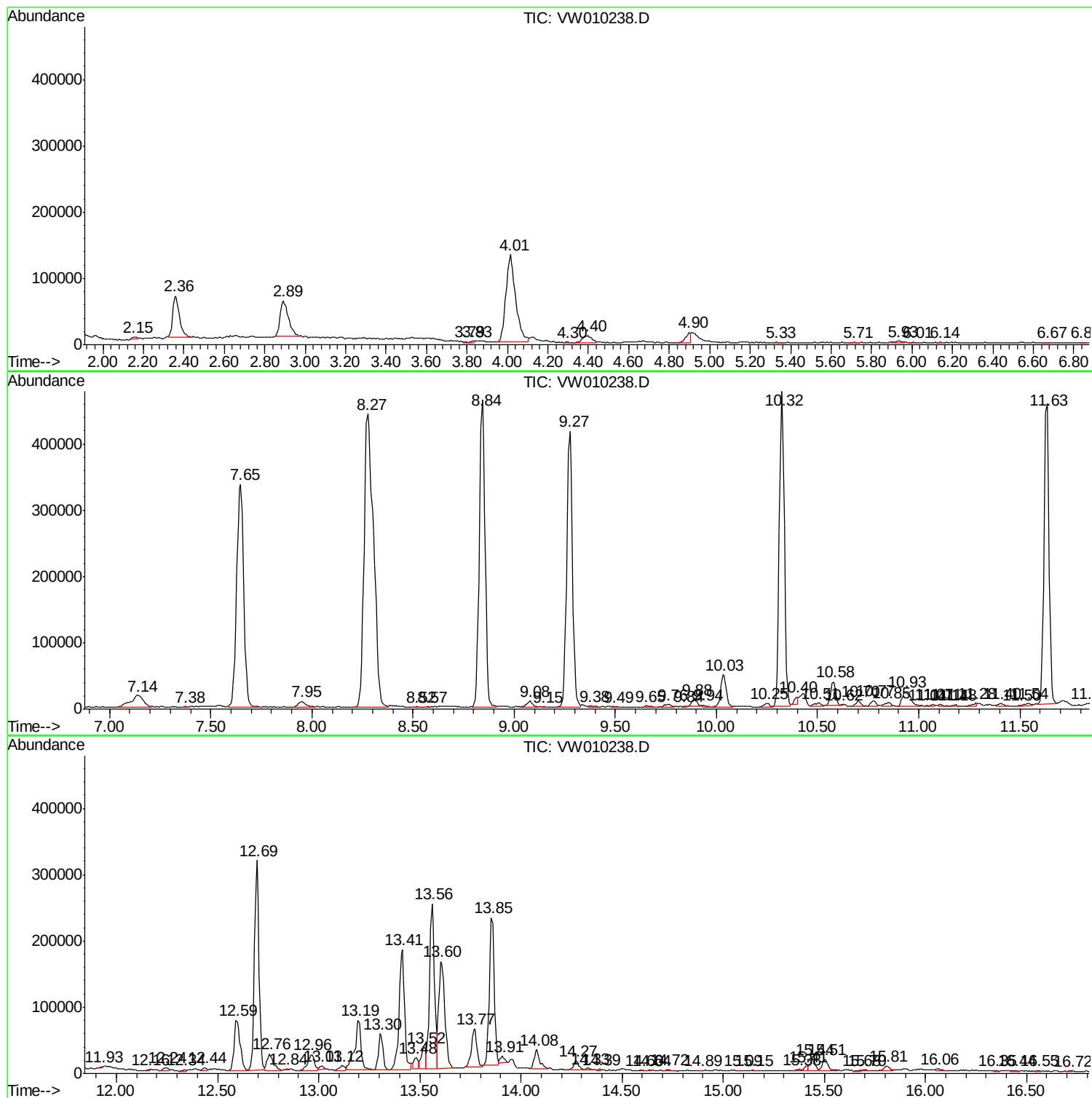
Sum of corrected areas: 9912874

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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



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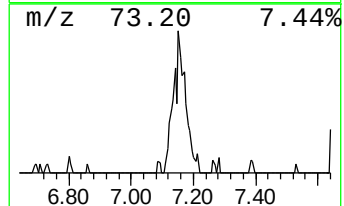
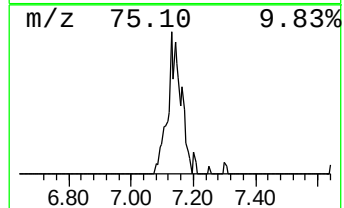
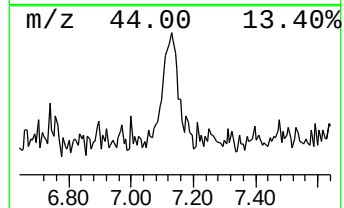
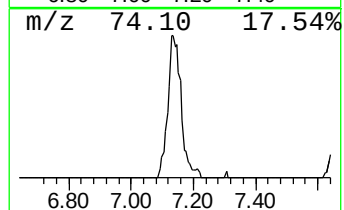
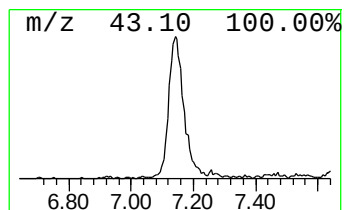
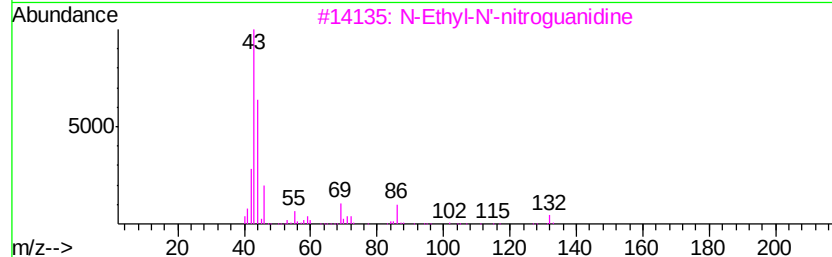
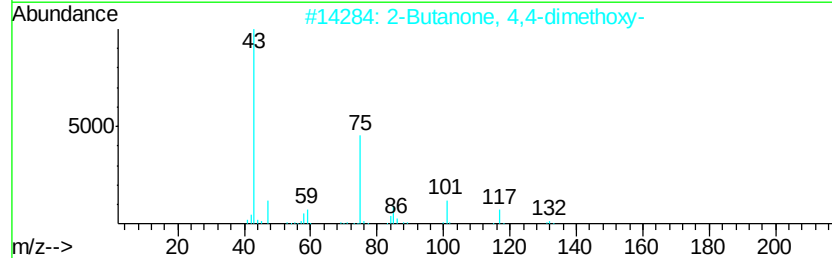
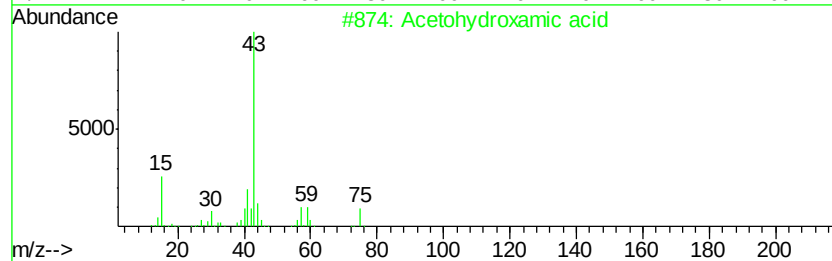
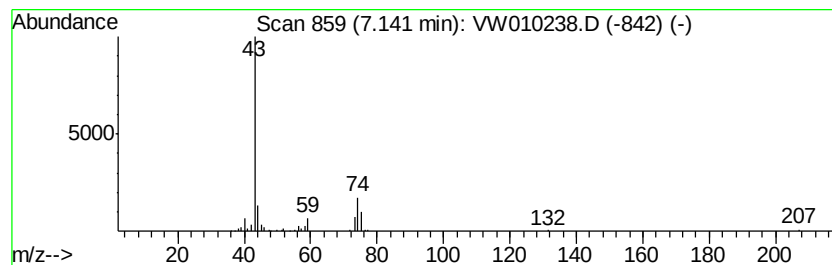
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 1 Acetohydroxamic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	2.15 ug/L	78049	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetohydroxamic acid	75	C2H5NO2	000546-88-3	50
2			2-Butanone, 4,4-dimethoxy-	132	C6H12O3	005436-21-5	9
3			N-Ethyl-N'-nitroguanidine	132	C3H8N4O2	039197-62-1	9
4			1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5			Acetic acid, hydrazide	74	C2H6N2O	001068-57-1	9



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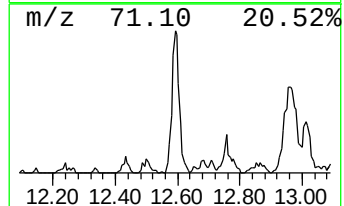
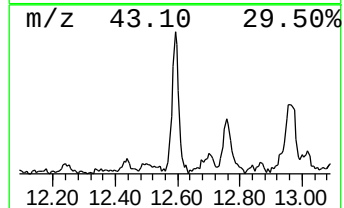
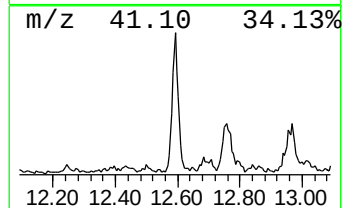
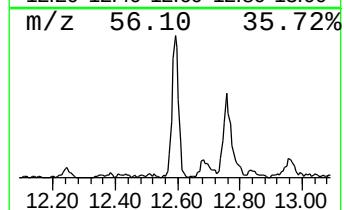
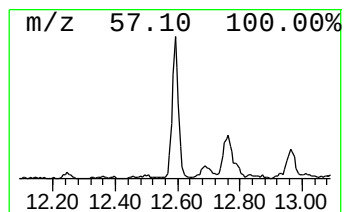
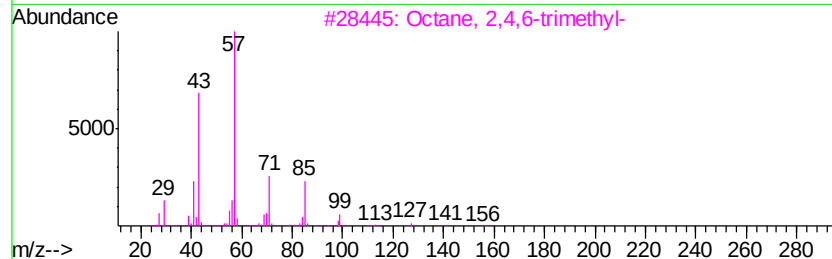
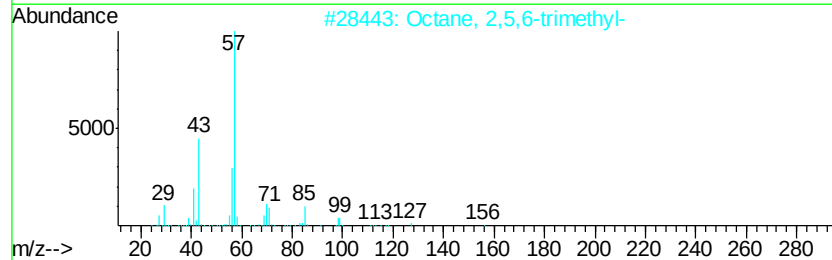
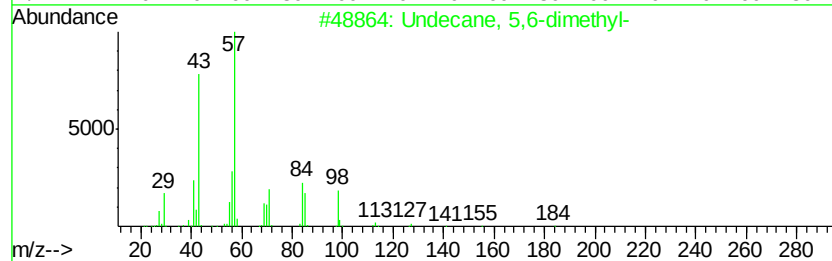
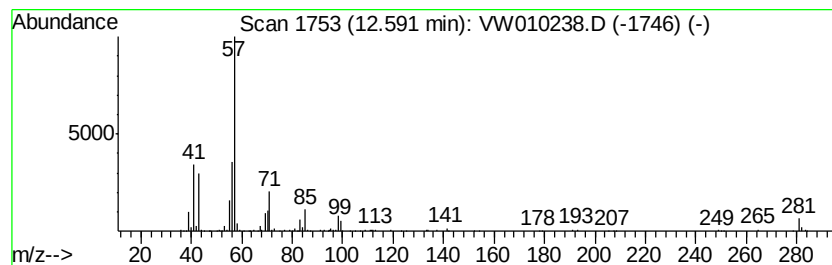
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	5.06 ug/L	157314	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
2		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
4		2,2-Dimethyleicosane	310	C22H46	1000360-43-4	53
5		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	50



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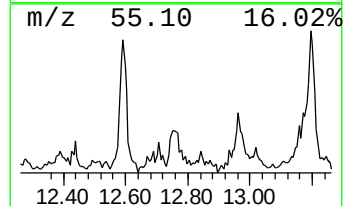
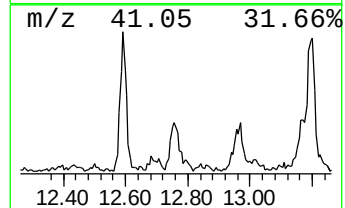
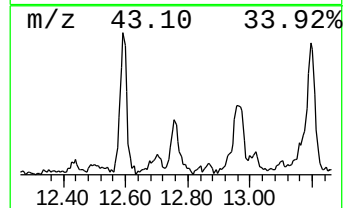
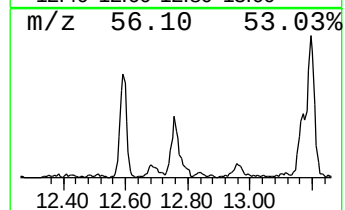
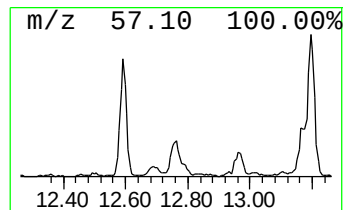
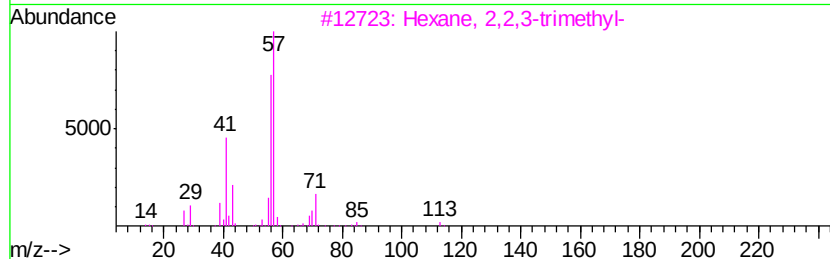
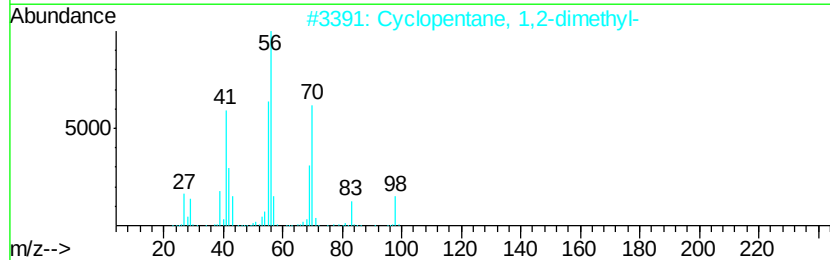
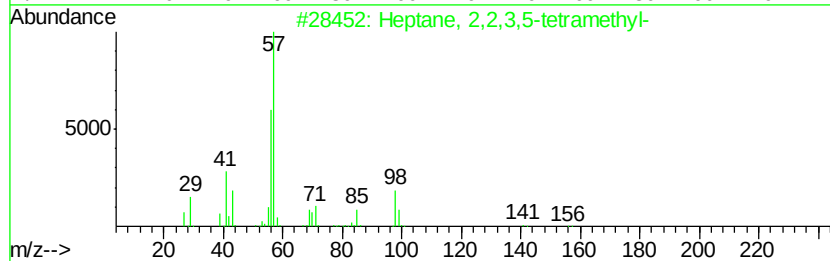
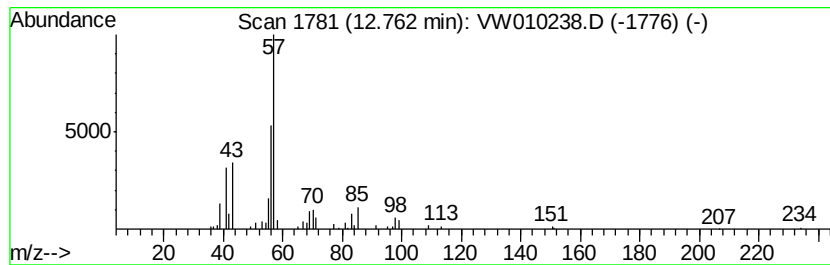
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	3.11 ug/L	52747	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	72
2		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	53
3		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	53
4		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	50
5		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

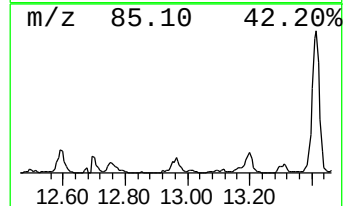
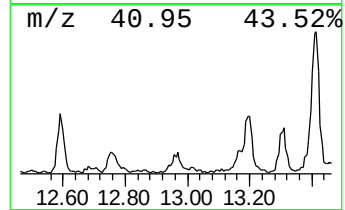
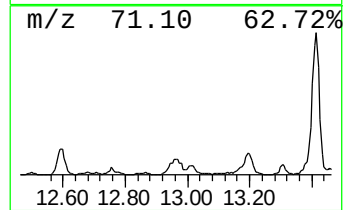
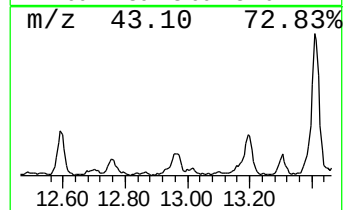
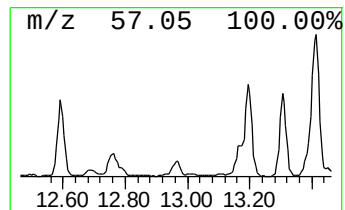
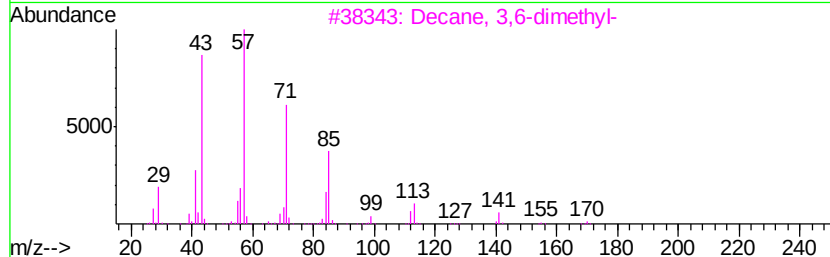
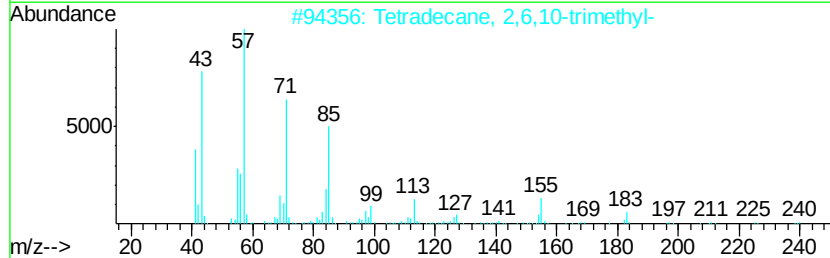
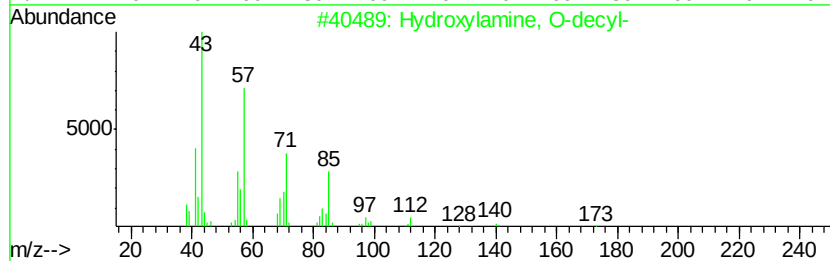
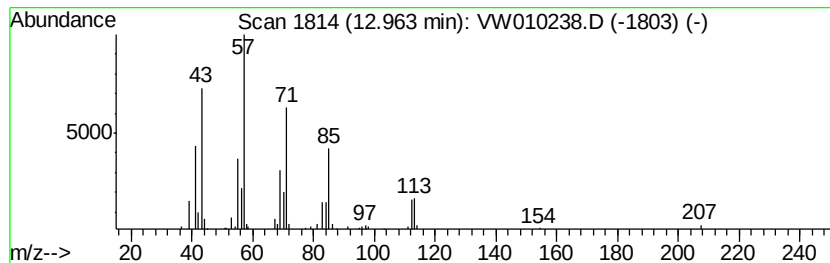
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 5 Hydroxylamine, O-decyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.96	3.52 ug/L	59671	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	72
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
4	Nonadecane	268	C19H40	000629-92-5	59
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
 Data File : VW010238.D
 Acq On : 01 May 2019 05:12
 Operator : SY/VA
 Sample : K2602-16
 Misc : 3.96G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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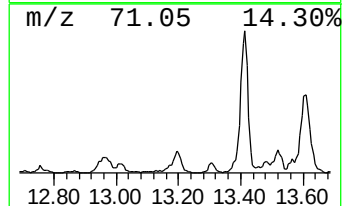
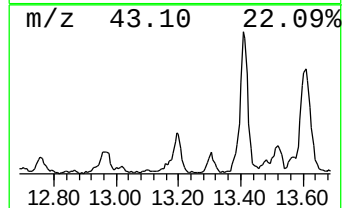
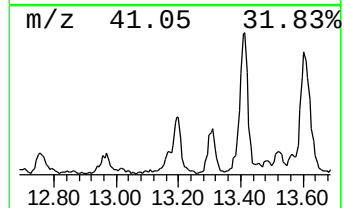
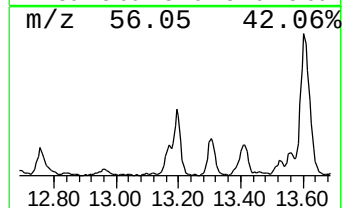
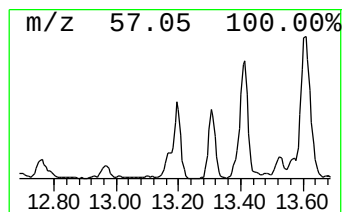
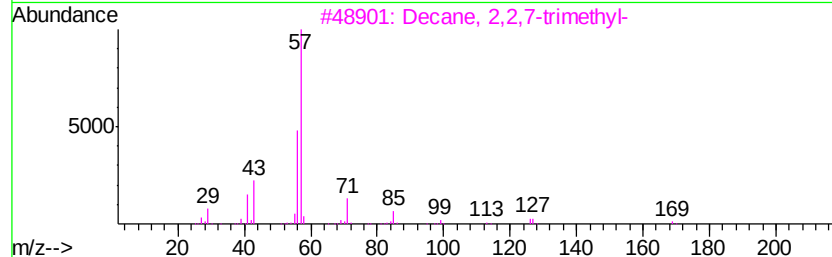
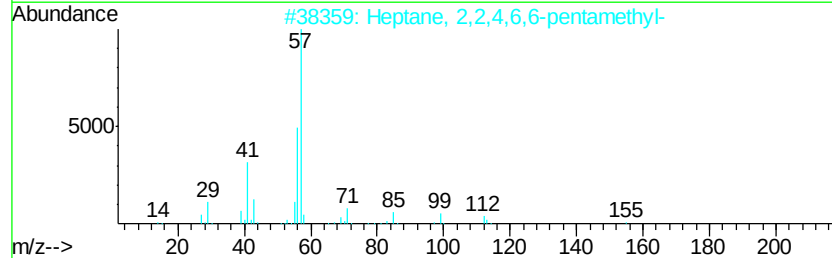
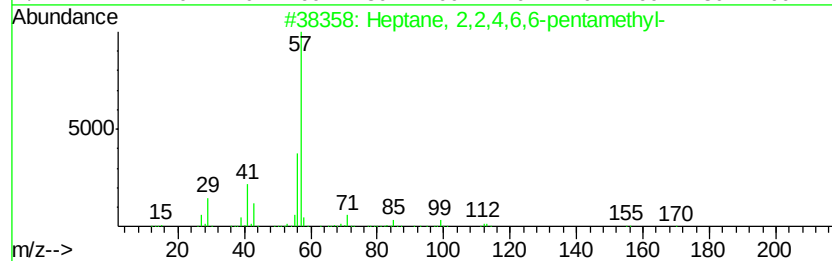
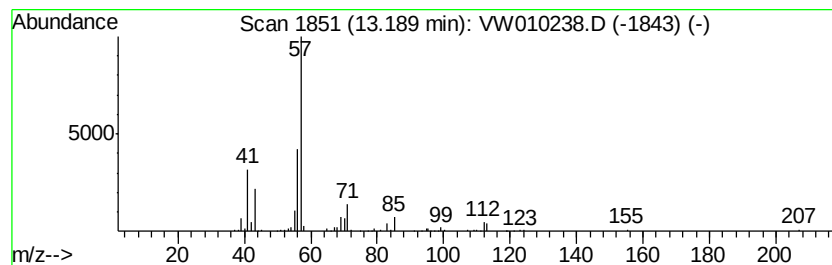
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 Quant Title : VOC Analysis

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

 Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	9.70 ug/L	164701	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	78
2		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	78
3		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	64
4		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
5		Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

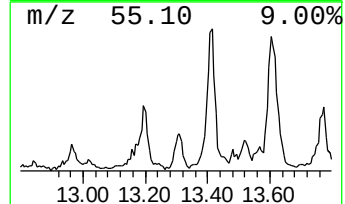
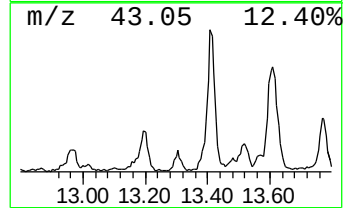
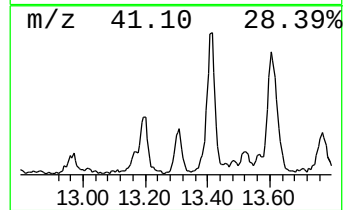
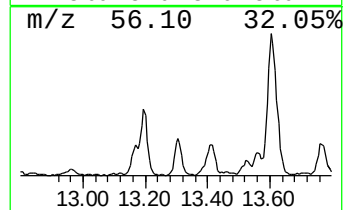
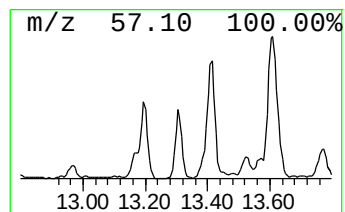
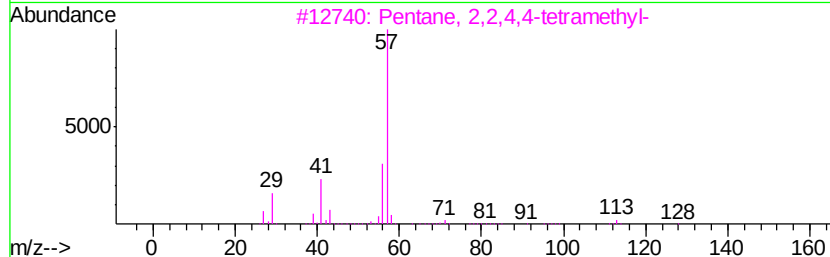
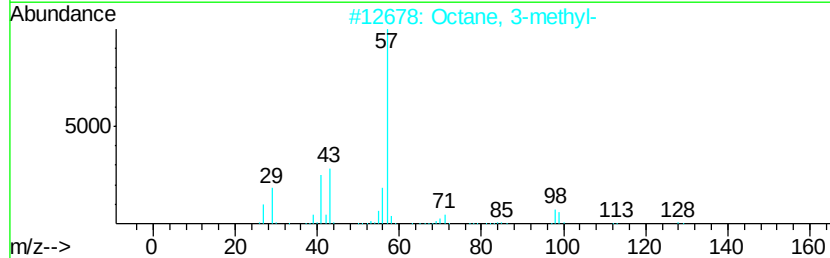
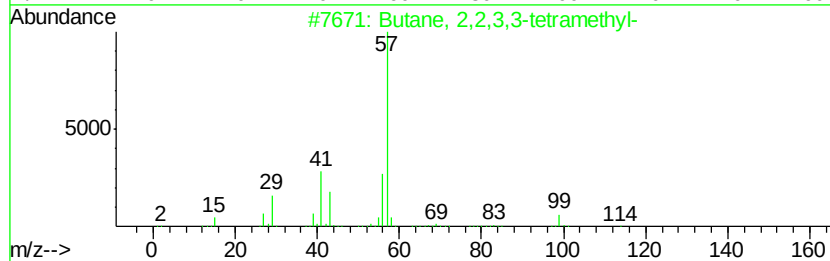
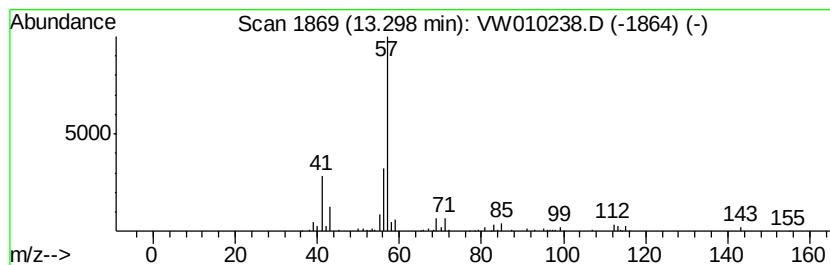
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.30	5.20 ug/L	88166	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	47
2	Octane, 3-methyl-	128	C9H20	002216-33-3	47
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	47
4	Dichloroacetic acid butyl ester	184	C6H10Cl2O2	029003-73-4	40
5	Sulfone, 2-hydroxyhexyl t-butyl	222	C10H22O3S	1000161-82-5	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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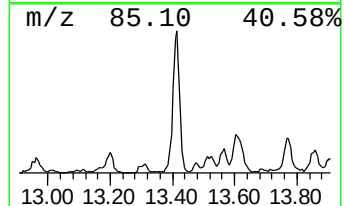
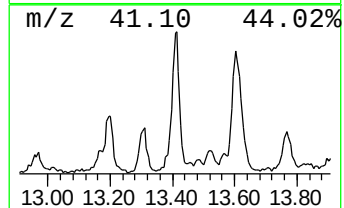
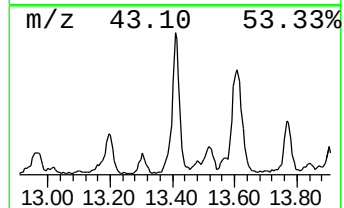
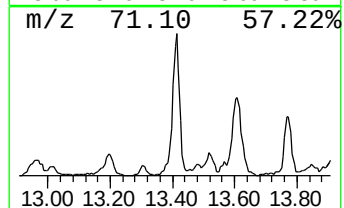
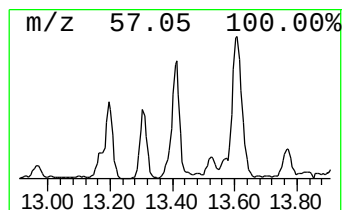
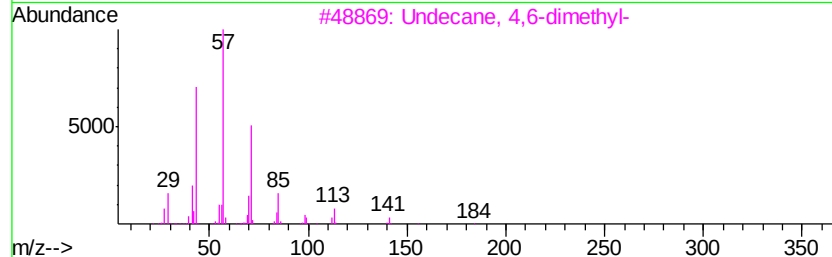
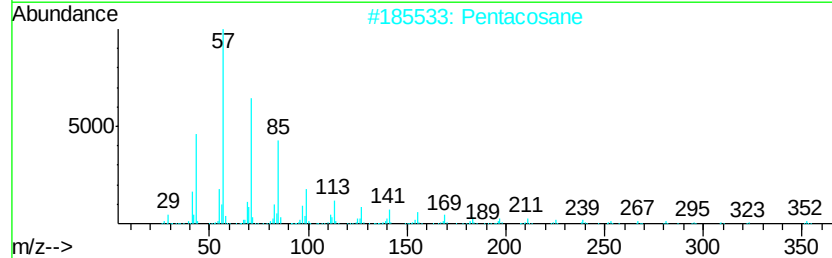
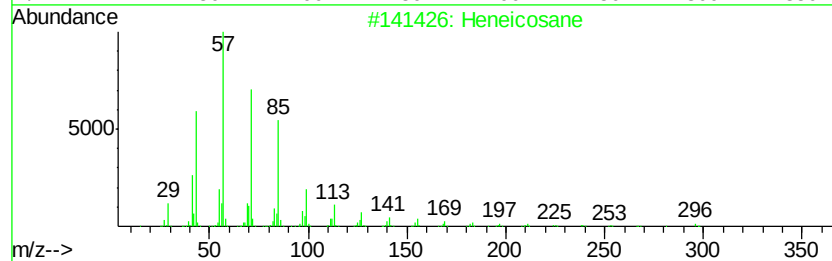
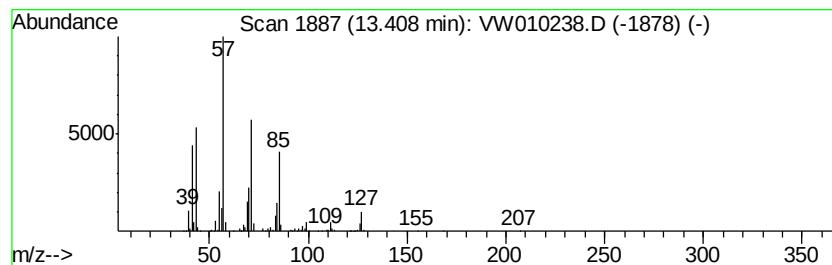
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	19.95 ug/L	338581	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	64
2		Pentacosane	352	C25H52	000629-99-2	59
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
5		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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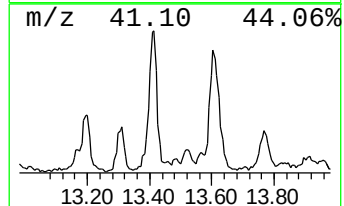
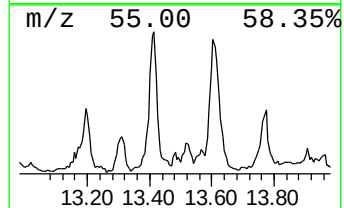
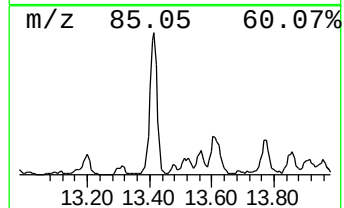
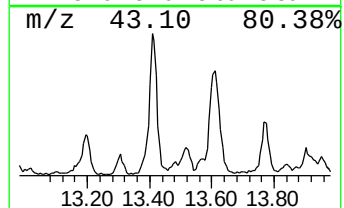
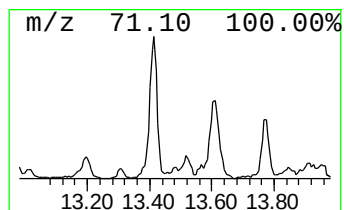
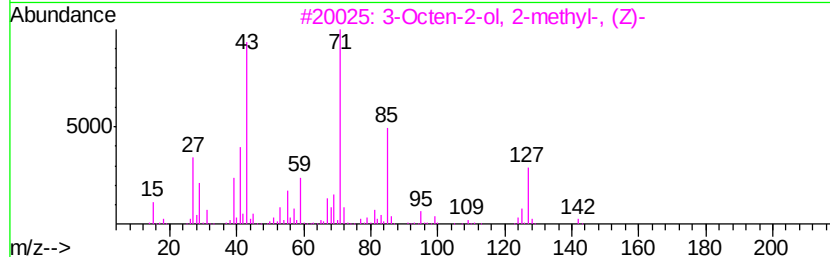
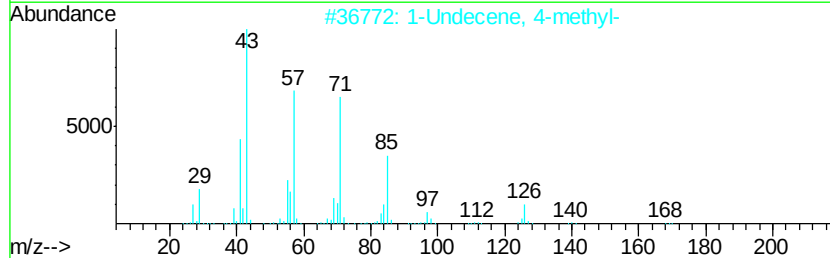
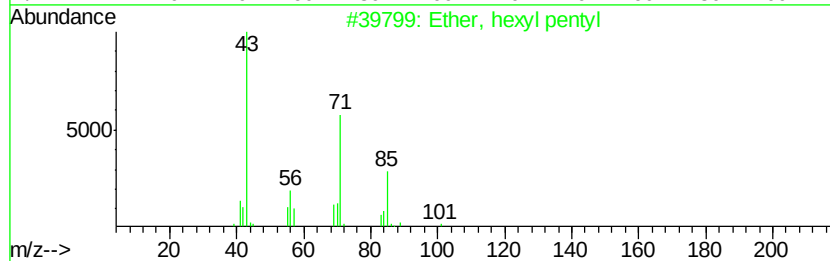
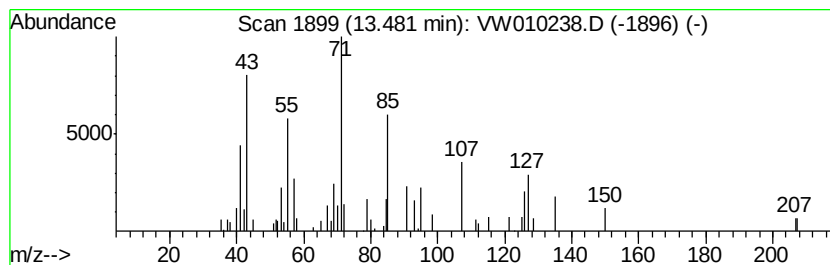
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Quant Title : VOC Analysis

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

Peak Number 9 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	1.48 ug/L	25201	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	43
2		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	40
3		3-Octen-2-ol, 2-methyl-, (Z)-	142	C9H18O	018521-07-8	38
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	38
5		1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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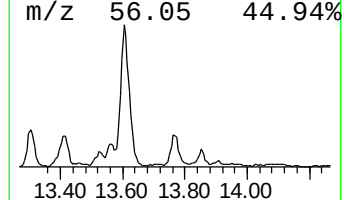
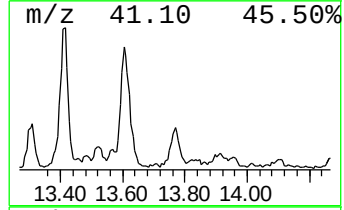
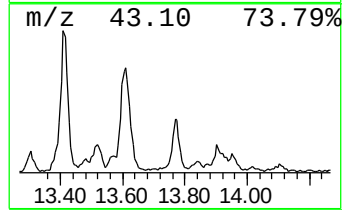
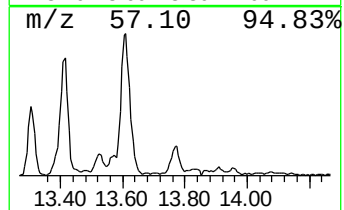
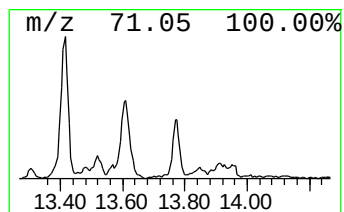
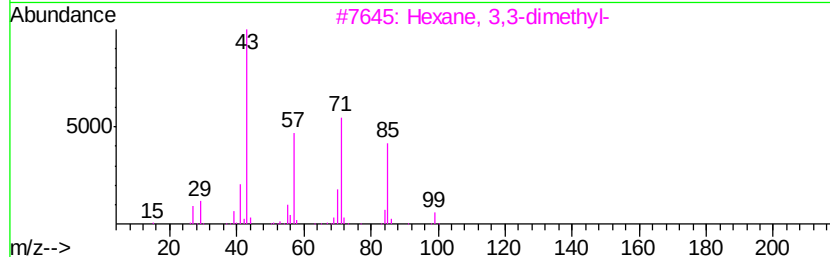
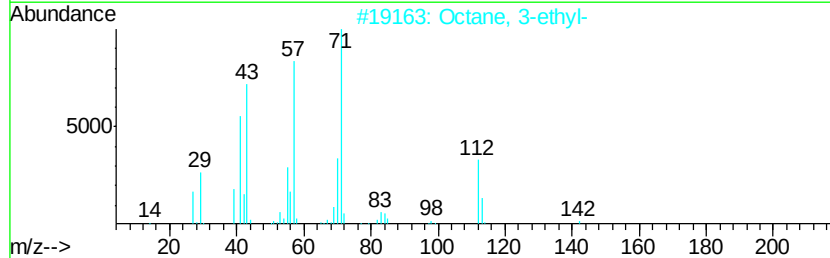
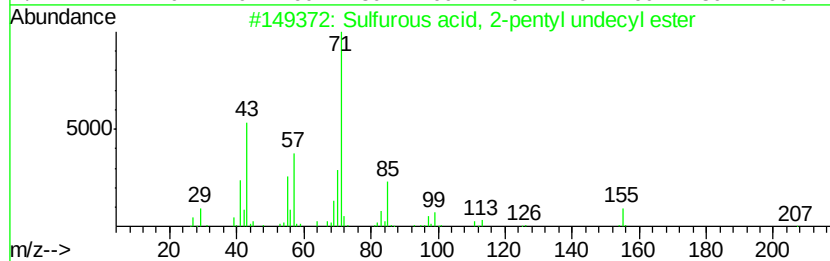
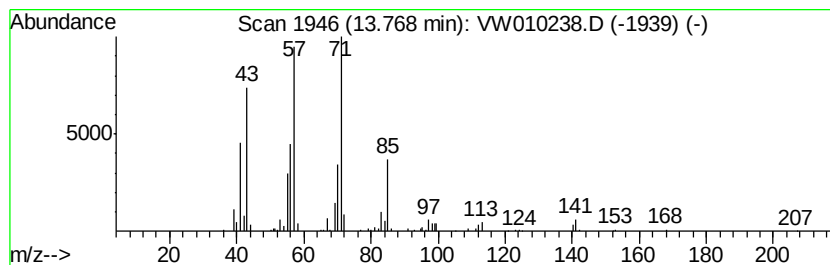
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Quant Title : VOC Analysis

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

Peak Number 10 Sulfurous acid, 2-pentyl un... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	6.32 ug/L	107270	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	58
2		Octane, 3-ethyl-	142	C10H22	005881-17-4	52
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50
5		Sulfurous acid, dodecyl 2-pentyl...	320	C17H36O3S	1000309-16-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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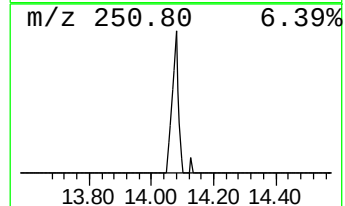
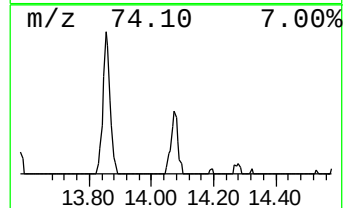
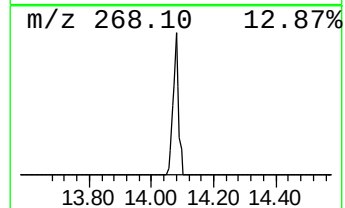
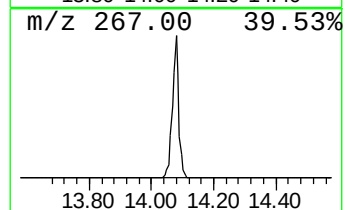
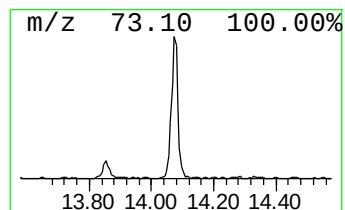
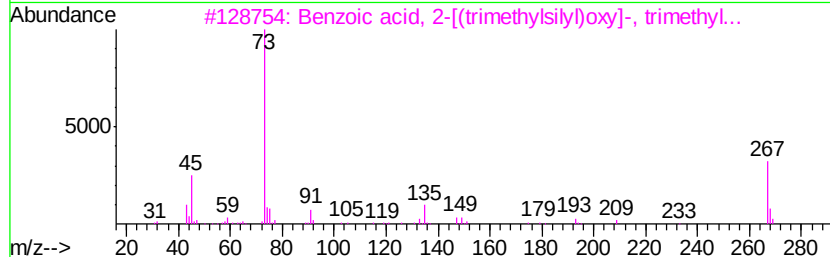
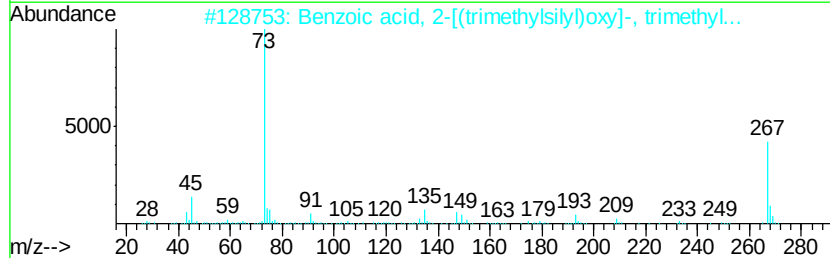
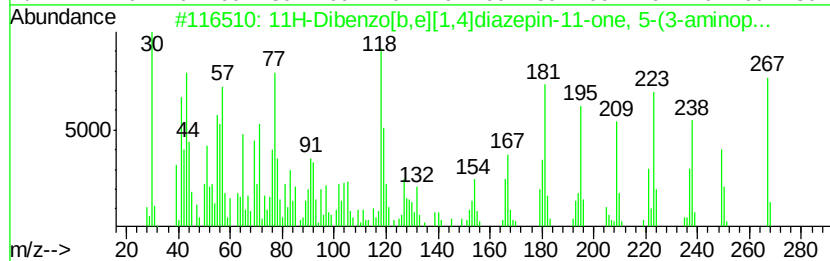
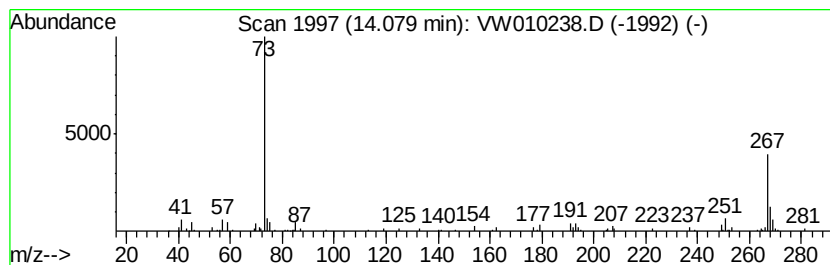
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Quant Title : VOC Analysis

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

Peak Number 11 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	3.08 ug/L	52223	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	43
2			Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	39
3			Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	39
4			Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	39
5			Benzeneethanamine, N-[(pentafluo...	475	C21H26F5N02Si2	055429-85-1	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFHK9

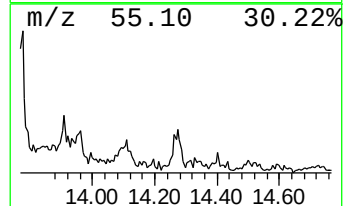
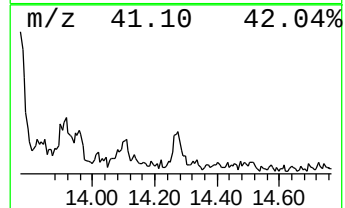
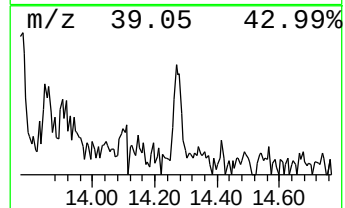
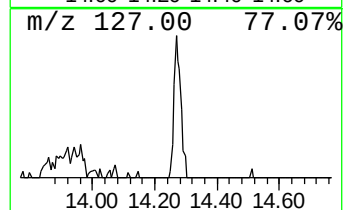
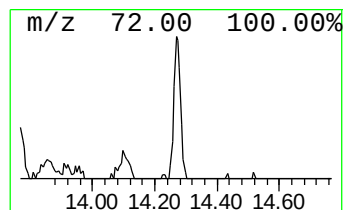
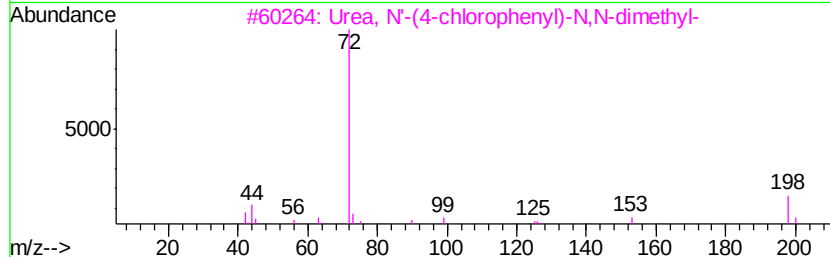
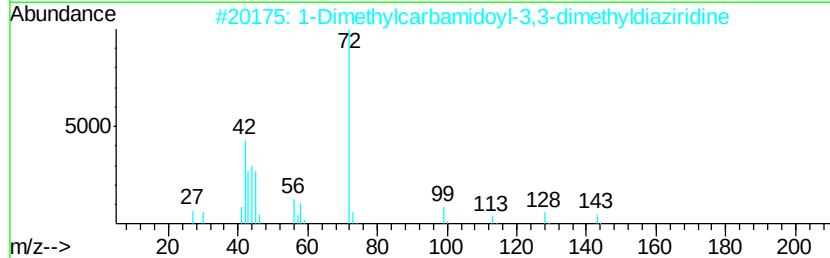
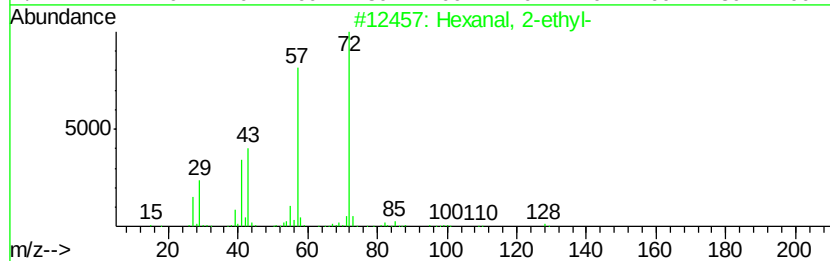
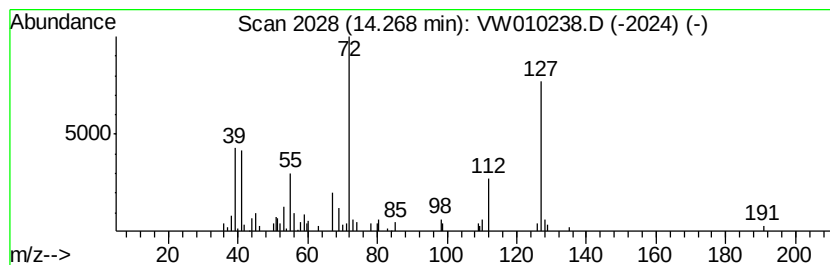
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Quant Title : VOC Analysis

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

Peak Number 12 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	1.30 ug/L	22081	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	25
2			1-Dimethylcarbamidoyl-3,3-dimeth...	143	C6H13N3O	054897-21-1	22
3			Urea, N'-(4-chlorophenyl)-N,N-di...	198	C9H11ClN2O	000150-68-5	16
4			N(1)-[1-[4-Chlorophenyl]-1H-tetr...	280	C12H17ClN6	1000213-45-7	16
5			Cylopentane-cis-1,3-dicarboxamide	156	C7H12N2O2	1000202-26-8	12



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFHK9

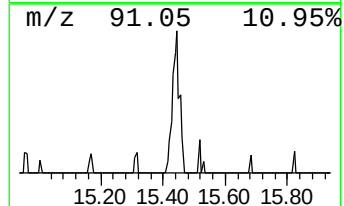
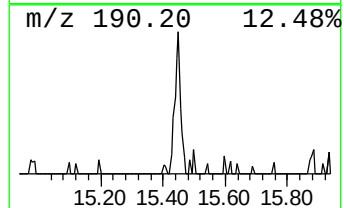
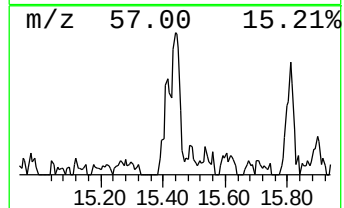
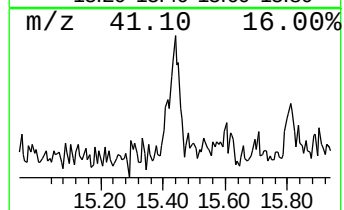
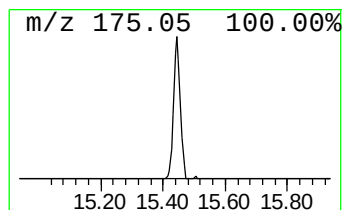
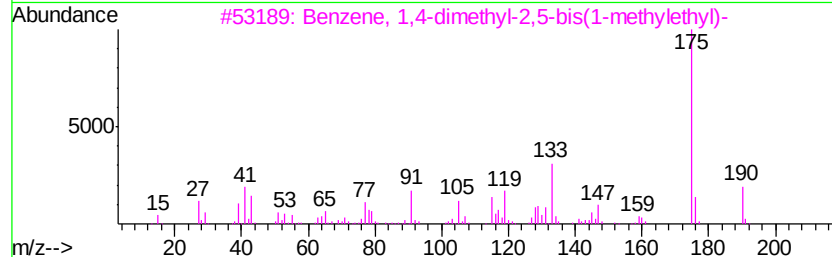
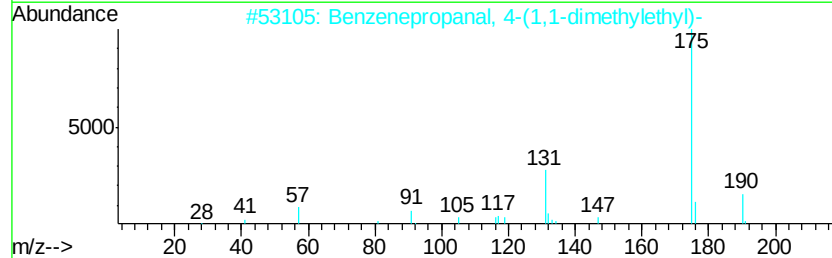
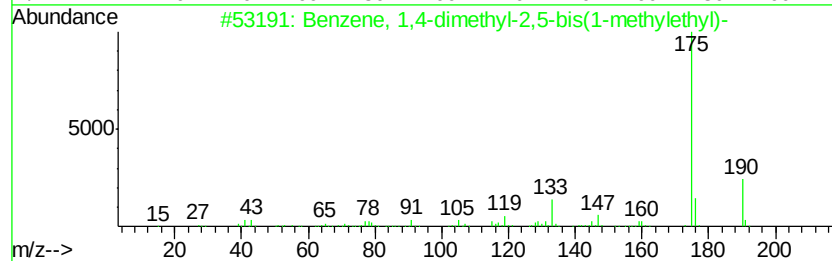
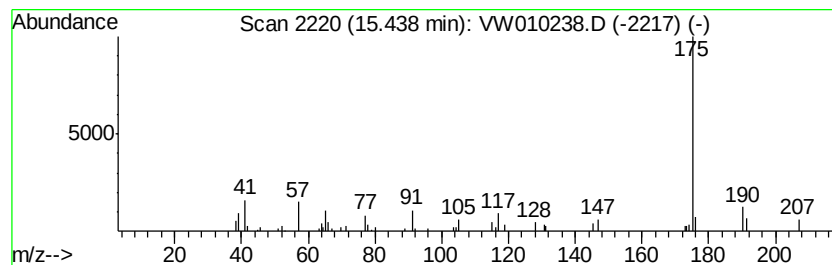
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1,4-dimethyl-2,5-b... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.70 ug/L	28838	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	81
2			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	74
3			Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	72
4			Precocene I	190	C12H14O2	017598-02-6	72
5			2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFHK9

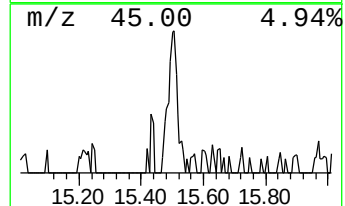
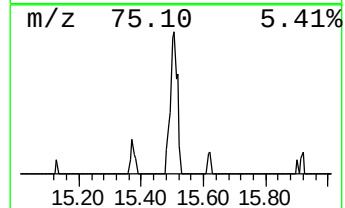
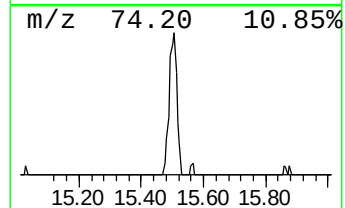
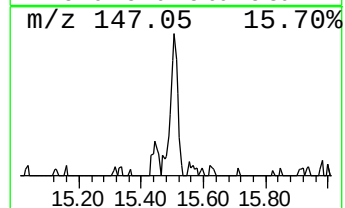
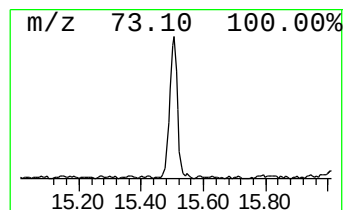
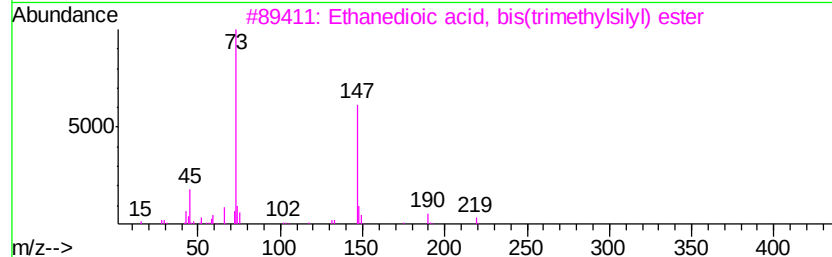
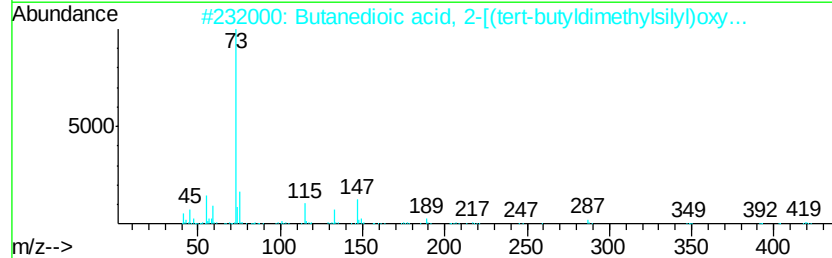
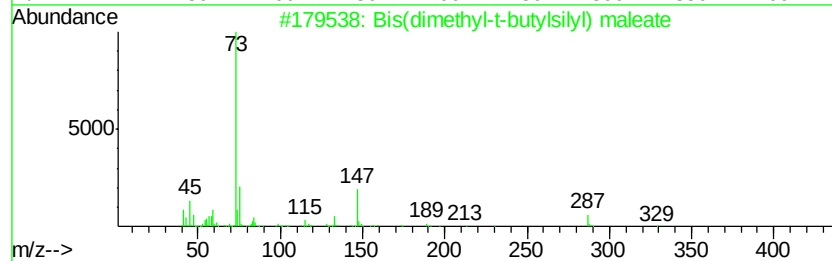
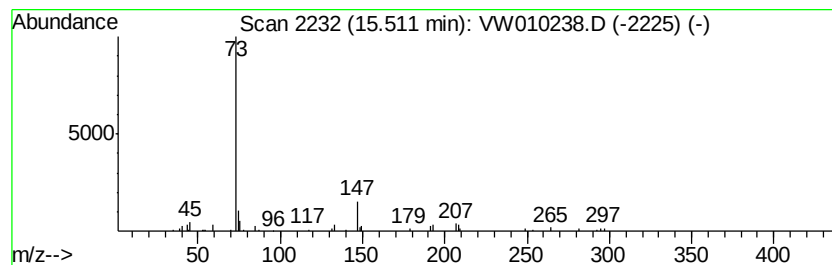
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 14 Bis(dimethyl-t-butylsilyl) ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	1.87 ug/L	31780	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bis(dimethyl-t-butylsilyl) maleate	344	C16H32O4Si2	104255-92-7	50
2			Butanedioic acid, 2-[(tert-butyl...]	476	C22H48O5Si3	099461-86-6	36
3			Ethanedioic acid, bis(trimethylsilyl) ester	234	C8H18O4Si2	018294-04-7	28
4			L-Asparagine, N,N2-bis(tert-butylsilyl) ester	474	C22H50N2O3Si3	096381-41-8	28
5			Propanedioic acid, [(trimethylsilyl) ester]	336	C12H28O5Si3	038165-93-4	28



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFHK9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.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
Acetohydroxamic acid	7.14	2.1	ug/L	78049	1	8.84	909663	25.0
(DEL) Alkane: Str...	12.59	5.1	ug/L	157314	2	11.63	777220	25.0
(DEL) Alkane: Str...	12.76	3.1	ug/L	52747	3	13.56	424282	25.0
Hydroxylamine, O-...	12.96	3.5	ug/L	59671	3	13.56	424282	25.0
(DEL) Alkane: Str...	13.19	9.7	ug/L	164701	3	13.56	424282	25.0
(DEL) Alkane: Str...	13.30	5.2	ug/L	88166	3	13.56	424282	25.0
(DEL) Alkane: Str...	13.41	19.9	ug/L	338581	3	13.56	424282	25.0
unknown-01	13.48	1.5	ug/L	25201	3	13.56	424282	25.0
Sulfurous acid, 2...	13.77	6.3	ug/L	107270	3	13.56	424282	25.0
unknown-02	14.08	3.1	ug/L	52223	3	13.56	424282	25.0
unknown-03	14.27	1.3	ug/L	22081	3	13.56	424282	25.0
Benzene, 1,4-dime...	15.44	1.7	ug/L	28838	3	13.56	424282	25.0
Bis(dimethyl-t-bu...	15.51	1.9	ug/L	31780	3	13.56	424282	25.0