

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
 Data File : VW011265.D
 Acq On : 15 Jul 2019 17:03
 Operator : SY/VA
 Sample : K3798-02
 Misc : 6.95G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G2

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\SOM2WLM070219S.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	1.989	6	14	23	rVB	17138	47195	3.33%	0.335%
2	2.349	67	73	86	rVB	72374	134373	9.47%	0.955%
3	2.489	91	96	102	rBV	21304	42589	3.00%	0.303%
4	2.885	154	161	176	rVB	46832	121442	8.56%	0.863%
5	3.019	178	183	193	rVB2	11096	27293	1.92%	0.194%
6	3.379	235	242	250	rBV3	6847	16814	1.19%	0.120%
7	3.684	285	292	297	rBV7	1090	2963	0.21%	0.021%
8	3.726	297	299	301	rVB3	680	531	0.04%	0.004%
9	3.854	313	320	322	rBV4	1749	2781	0.20%	0.020%
10	4.019	334	347	358	rBV	119478	421944	29.75%	2.999%
11	4.116	359	363	377	rVB	20526	60306	4.25%	0.429%
12	4.269	386	388	393	rVB3	1112	1398	0.10%	0.010%
13	4.379	396	406	423	rVB	46674	150743	10.63%	1.072%
14	4.677	446	455	464	rBV2	3364	10691	0.75%	0.076%
15	4.787	470	473	477	rBV2	652	761	0.05%	0.005%
16	4.927	482	496	497	rBV2	11894	33174	2.34%	0.236%
17	5.007	499	509	530	rVB2	103585	407227	28.71%	2.895%
18	5.421	572	577	585	rVB6	3146	8627	0.61%	0.061%
19	5.665	613	617	619	rBV3	506	566	0.04%	0.004%
20	5.787	626	637	645	rBV4	2841	8577	0.60%	0.061%
21	5.933	651	661	674	rVB3	8928	28201	1.99%	0.200%
22	6.110	686	690	691	rBV3	788	1006	0.07%	0.007%
23	6.896	809	819	827	rBV4	6689	18849	1.33%	0.134%
24	6.982	827	833	836	rVV5	2195	4615	0.33%	0.033%
25	7.073	839	848	855	rVV	78985	223009	15.72%	1.585%
26	7.165	855	863	885	rVB	409384	1088924	76.77%	7.741%
27	7.457	907	911	914	rVB2	493	621	0.04%	0.004%
28	7.646	931	942	956	rVB	206933	505984	35.67%	3.597%
29	7.921	980	987	988	rBV5	930	1401	0.10%	0.010%
30	7.945	988	991	999	rVB5	1116	2116	0.15%	0.015%
31	8.097	1014	1016	1020	rBV2	553	720	0.05%	0.005%
32	8.152	1020	1025	1029	rBV5	649	1052	0.07%	0.007%
33	8.274	1033	1045	1061	rBV2	419234	1289046	90.87%	9.163%
34	8.549	1085	1090	1101	rVB3	9159	19613	1.38%	0.139%

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35	8.701	1108	1115	1125	rBV6	3654	10377	0.73%	0.074%
36	8.841	1129	1138	1152	rVV	436531	854499	60.24%	6.074%
37	8.939	1152	1154	1157	rVB3	548	548	0.04%	0.004%
38	8.988	1160	1162	1164	rVB2	558	605	0.04%	0.004%
39	9.091	1167	1179	1191	rBV	704961	1418498	100.00%	10.083%
40	9.274	1200	1209	1224	rBV	320072	650191	45.84%	4.622%
41	9.408	1224	1231	1240	rVB	33934	65143	4.59%	0.463%
42	9.658	1265	1272	1282	rVB4	4491	9678	0.68%	0.069%
43	9.884	1305	1309	1312	rBV4	480	670	0.05%	0.005%
44	10.036	1323	1334	1343	rBV	160736	300926	21.21%	2.139%
45	10.121	1343	1348	1351	rBV4	2983	5118	0.36%	0.036%
46	10.207	1360	1362	1370	rVB5	1060	1464	0.10%	0.010%
47	10.323	1372	1381	1389	rBV	567450	994065	70.08%	7.066%
48	10.390	1389	1392	1398	rVB2	3484	5505	0.39%	0.039%
49	10.499	1403	1410	1412	rBV5	1177	1797	0.13%	0.013%
50	10.579	1415	1423	1437	rBV	114517	204554	14.42%	1.454%
51	10.707	1437	1444	1451	rBV	23143	41779	2.95%	0.297%
52	10.859	1459	1469	1473	rBV9	3303	9141	0.64%	0.065%
53	10.926	1473	1480	1490	rBV	296223	507086	35.75%	3.605%
54	11.073	1497	1504	1517	rBV	302993	492095	34.69%	3.498%
55	11.408	1555	1559	1562	rBV4	1311	1857	0.13%	0.013%
56	11.633	1587	1596	1607	rBV	594742	1022801	72.10%	7.271%
57	11.731	1607	1612	1619	rVB7	1583	3462	0.24%	0.025%
58	11.841	1626	1630	1632	rBV4	2593	4062	0.29%	0.029%
59	11.871	1632	1635	1642	rVV2	4561	7616	0.54%	0.054%
60	11.950	1642	1648	1654	rVB5	1548	2847	0.20%	0.020%
61	12.170	1680	1684	1690	rVB7	1700	3392	0.24%	0.024%
62	12.237	1690	1695	1701	rBV6	959	2007	0.14%	0.014%
63	12.341	1705	1712	1721	rVV	24485	39677	2.80%	0.282%
64	12.511	1738	1740	1742	rBV3	608	597	0.04%	0.004%
65	12.609	1750	1756	1762	rVB	57160	92983	6.56%	0.661%
66	12.694	1762	1770	1778	rBV	313362	514485	36.27%	3.657%
67	12.889	1798	1802	1805	rBV5	1368	2385	0.17%	0.017%
68	12.926	1806	1808	1809	rBV	1036	719	0.05%	0.005%
69	13.048	1823	1828	1832	rVV4	2100	3333	0.23%	0.024%
70	13.097	1832	1836	1839	rBV4	2564	3512	0.25%	0.025%
71	13.151	1842	1845	1850	rVB6	1637	2618	0.18%	0.019%

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72	13.200	1850	1853	1854	rBV3	536	560	0.04%	0.004%
73	13.273	1855	1865	1873	rVV4	4029	10017	0.71%	0.071%
74	13.395	1879	1885	1891	rBV	18447	30909	2.18%	0.220%
75	13.481	1897	1899	1904	rBV5	1033	1849	0.13%	0.013%
76	13.560	1905	1912	1922	rVV	618961	980155	69.10%	6.967%
77	13.651	1922	1927	1933	rVB2	12342	21371	1.51%	0.152%
78	13.853	1953	1960	1974	rVB	541214	883015	62.25%	6.277%
79	14.023	1984	1988	1990	rBV4	1547	1988	0.14%	0.014%
80	14.072	1990	1996	2006	rVB2	27257	48324	3.41%	0.344%
81	14.328	2031	2038	2046	rVB5	10772	19239	1.36%	0.137%
82	14.389	2046	2048	2050	rBV2	923	788	0.06%	0.006%
83	14.426	2050	2054	2057	rBV4	1359	1494	0.11%	0.011%
84	14.529	2067	2071	2074	rBV4	2125	3166	0.22%	0.023%
85	14.633	2083	2088	2091	rBV5	825	1456	0.10%	0.010%
86	14.694	2094	2098	2102	rBV5	4173	7283	0.51%	0.052%
87	14.797	2111	2115	2119	rBV6	1356	1989	0.14%	0.014%
88	14.919	2133	2135	2138	rBV3	606	831	0.06%	0.006%
89	14.950	2138	2140	2147	rVV7	1794	3087	0.22%	0.022%
90	15.078	2157	2161	2163	rBV2	613	876	0.06%	0.006%
91	15.182	2174	2178	2179	rVV4	2253	2847	0.20%	0.020%
92	15.261	2187	2191	2195	rVV4	1847	2929	0.21%	0.021%
93	15.364	2205	2208	2210	rBV4	903	1160	0.08%	0.008%
94	15.499	2224	2230	2238	rBV	35579	66253	4.67%	0.471%
95	15.560	2238	2240	2243	rVB4	749	583	0.04%	0.004%
96	15.858	2287	2289	2297	rVB6	1911	2885	0.20%	0.021%
97	15.968	2305	2307	2312	rVB5	534	952	0.07%	0.007%
98	16.316	2362	2364	2365	rBV2	807	755	0.05%	0.005%
99	16.334	2365	2367	2372	rVV5	1444	2794	0.20%	0.020%
100	16.376	2372	2374	2377	rVB3	896	774	0.05%	0.006%

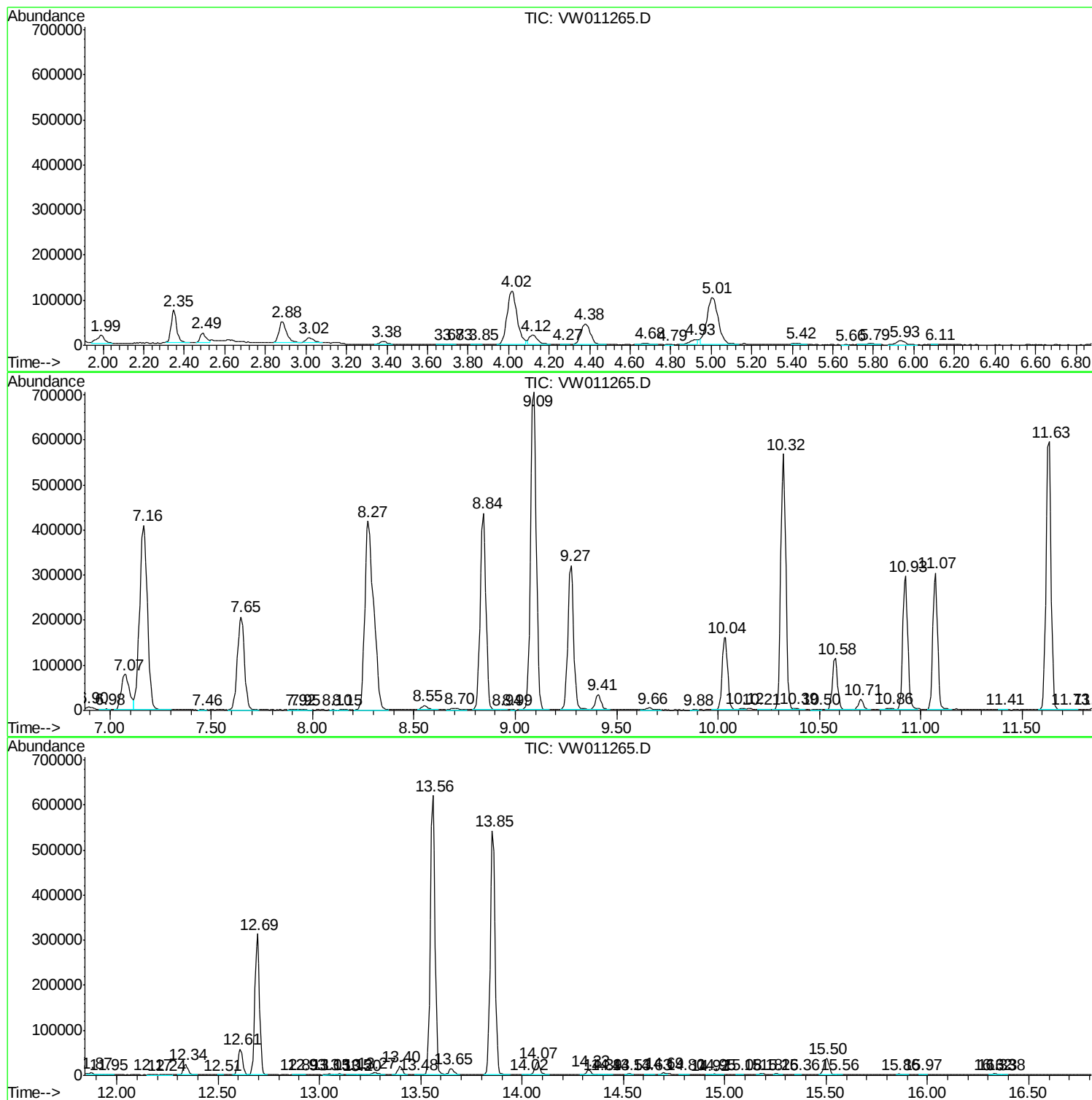
Sum of corrected areas: 14067573

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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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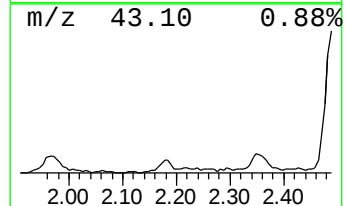
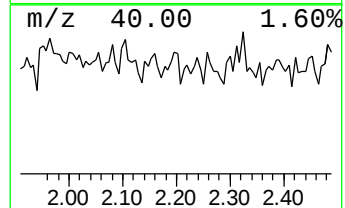
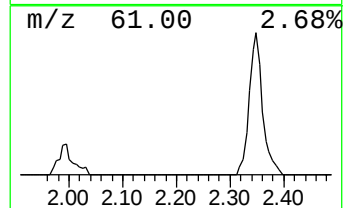
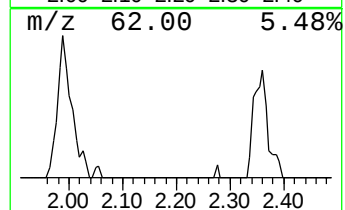
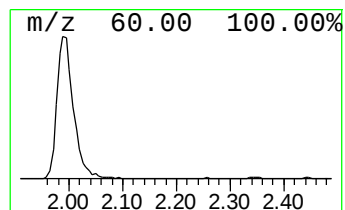
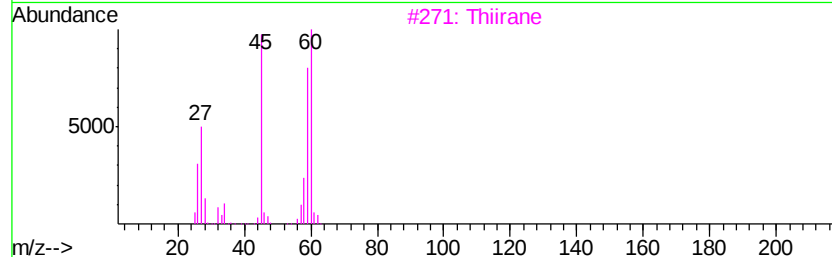
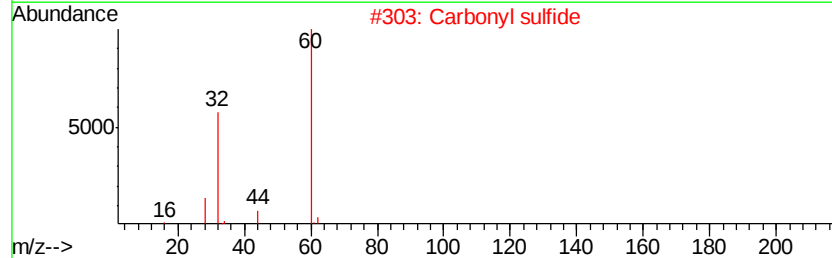
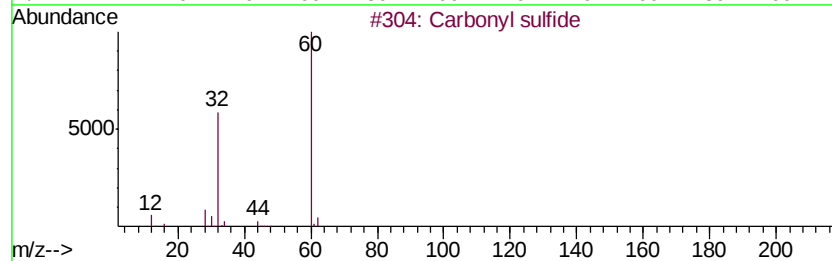
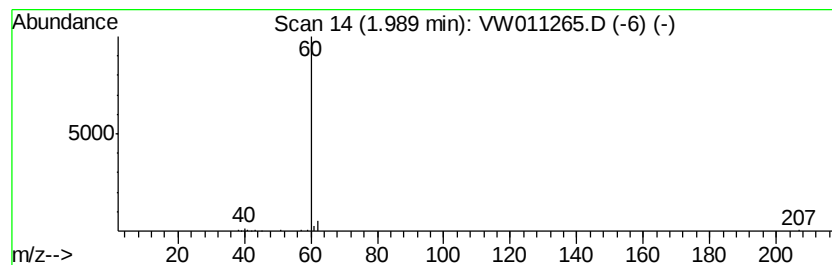
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	1.38 ug/L	47195	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonyl sulfide	60	COS	000463-58-1	5
2		Carbonyl sulfide	60	COS	000463-58-1	5
3		Thiirane	60	C2H4S	000420-12-2	4
4		Urea	60	CH4N2O	000057-13-6	4
5		Methyl formate	60	C2H4O2	000107-31-3	4



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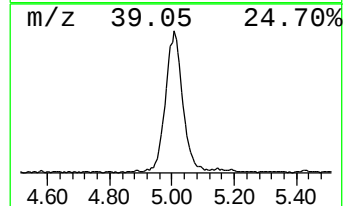
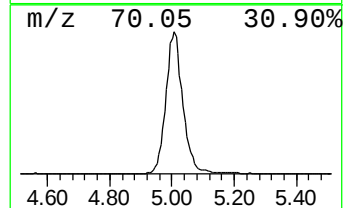
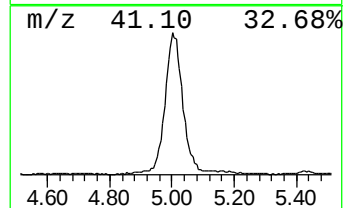
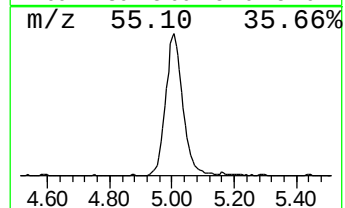
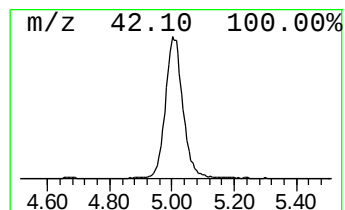
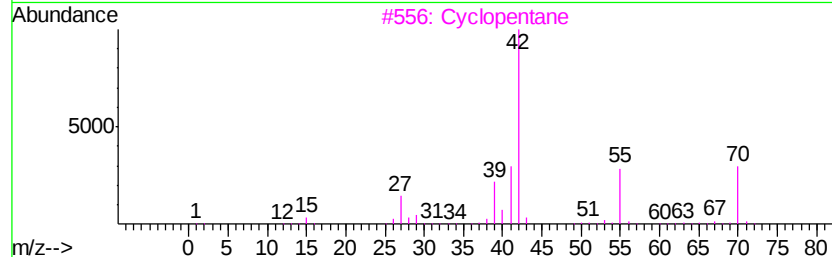
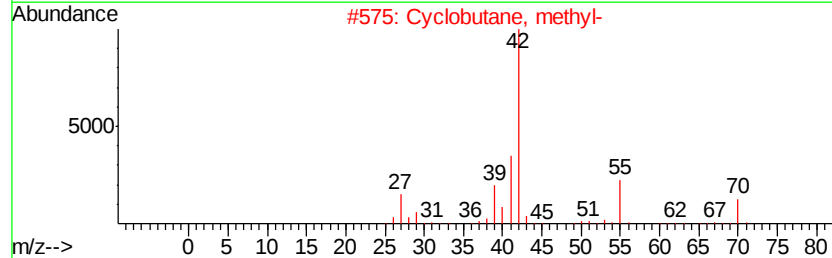
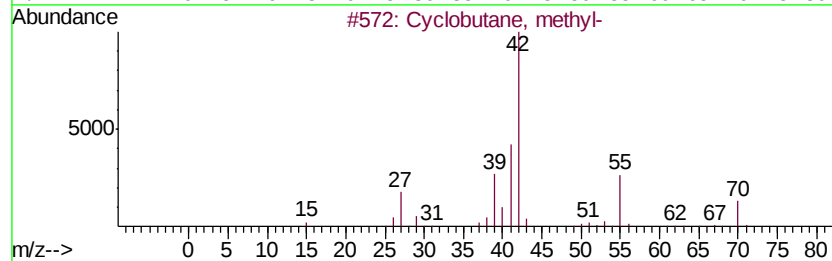
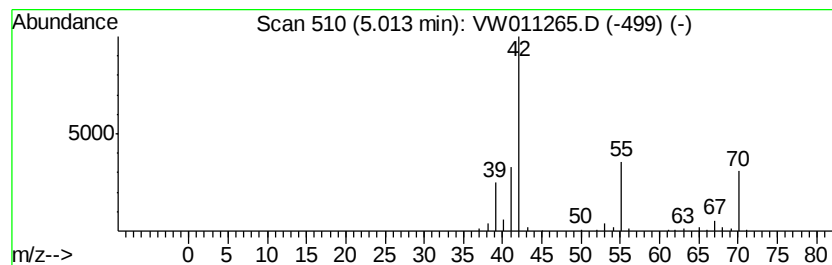
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic5.01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	11.91 ug/L	407227	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, methyl-	70	C5H10	000598-61-8	86
2		Cyclobutane, methyl-	70	C5H10	000598-61-8	86
3		Cyclopentane	70	C5H10	000287-92-3	86
4		Cyclopentane	70	C5H10	000287-92-3	72
5		1-Pentene	70	C5H10	000109-67-1	59



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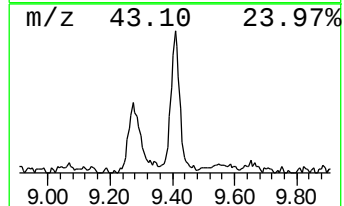
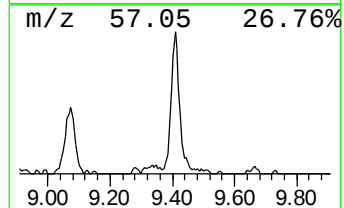
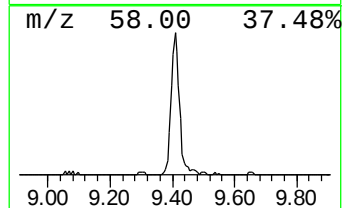
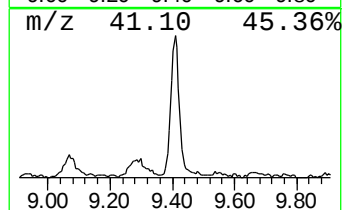
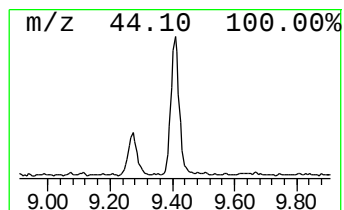
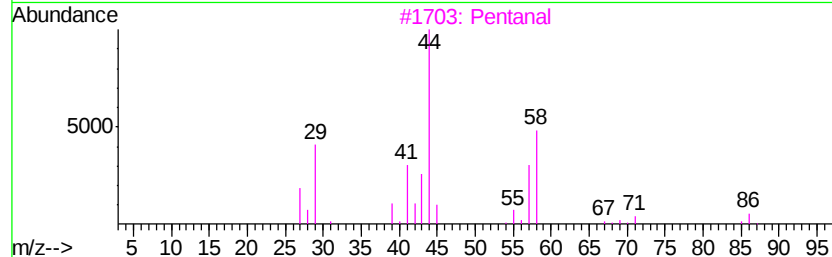
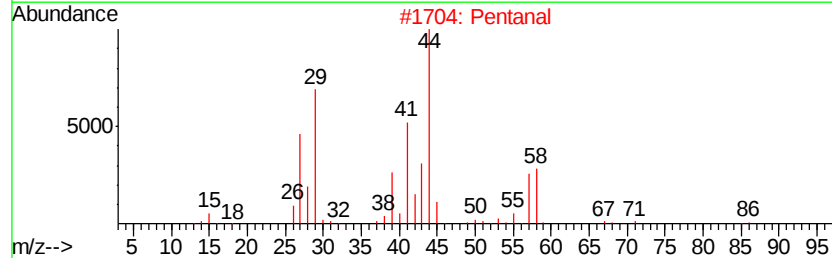
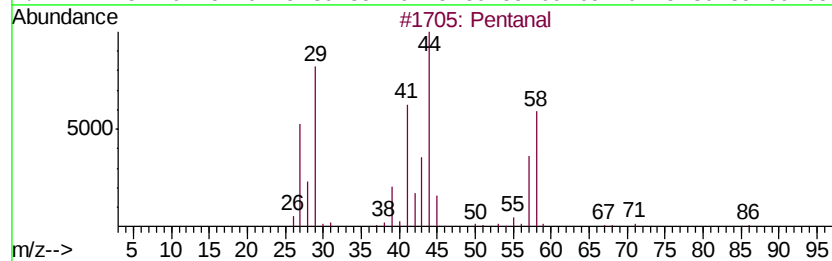
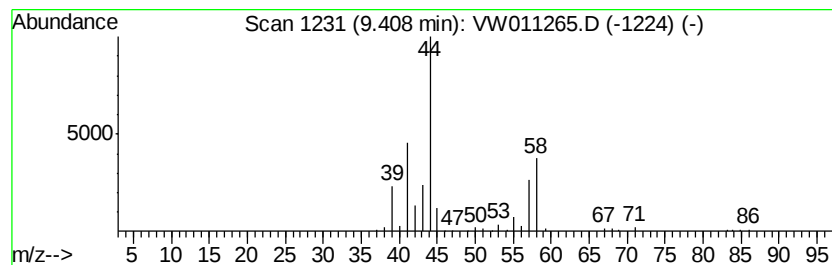
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Quant Title : VOC Analysis

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Peak Number 3 Pentanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	1.91 ug/L	65143	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	78
2		Pentanal	86	C5H10O	000110-62-3	78
3		Pentanal	86	C5H10O	000110-62-3	64
4		Butanal, 3-methyl-	86	C5H10O	000590-86-3	56
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
Data File : VW011265.D
Acq On : 15 Jul 2019 17:03
Operator : SY/VA
Sample : K3798-02
Misc : 6.95G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52G2

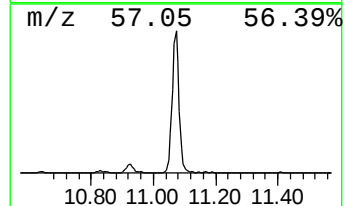
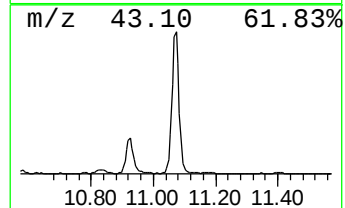
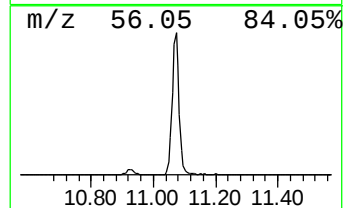
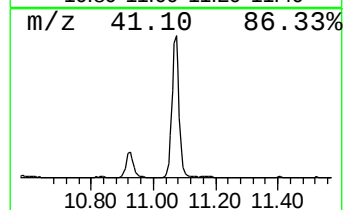
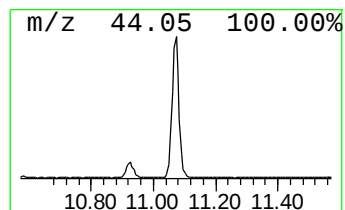
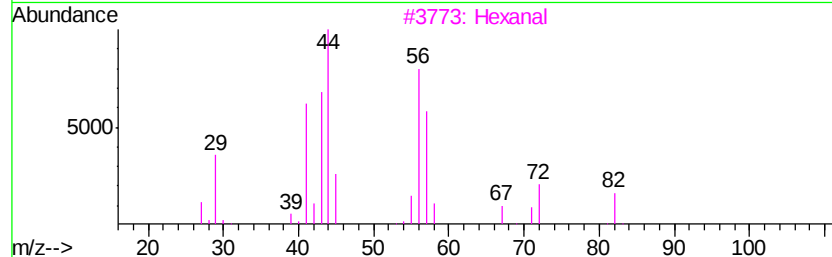
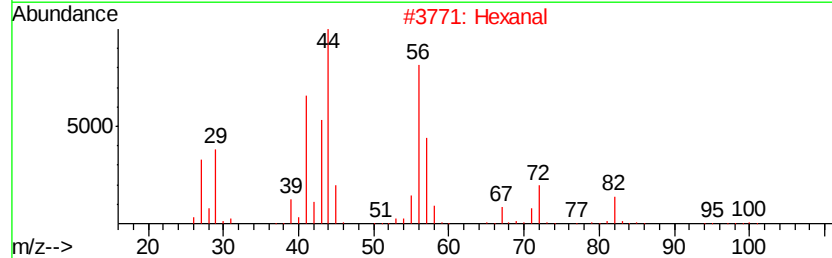
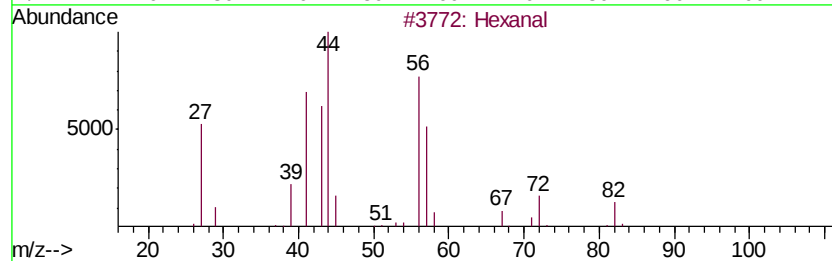
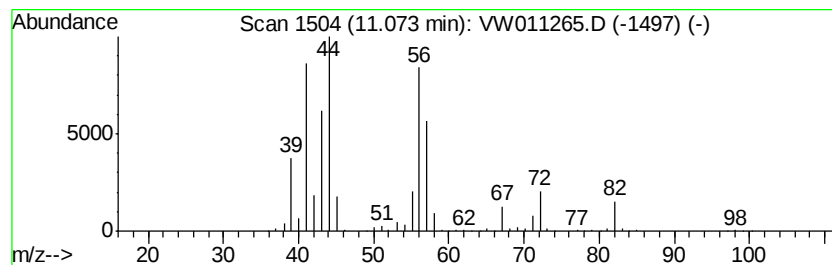
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	12.03 ug/L	492095	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	90
2	Hexanal		100	C6H12O	000066-25-1	90
3	Hexanal		100	C6H12O	000066-25-1	59
4	Hexanal		100	C6H12O	000066-25-1	56
5	Cyclobutanol, 2-ethyl-		100	C6H12O	035301-43-0	39



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
Data File : VW011265.D
Acq On : 15 Jul 2019 17:03
Operator : SY/VA
Sample : K3798-02
Misc : 6.95G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

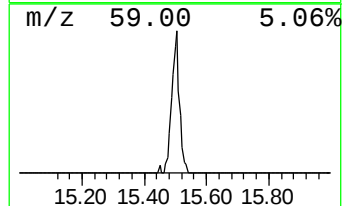
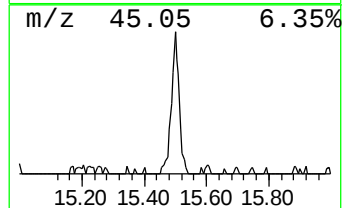
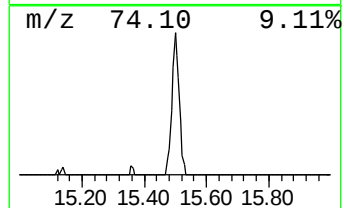
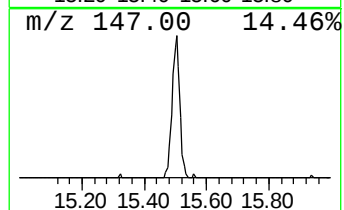
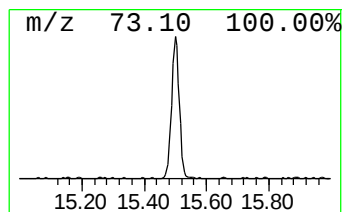
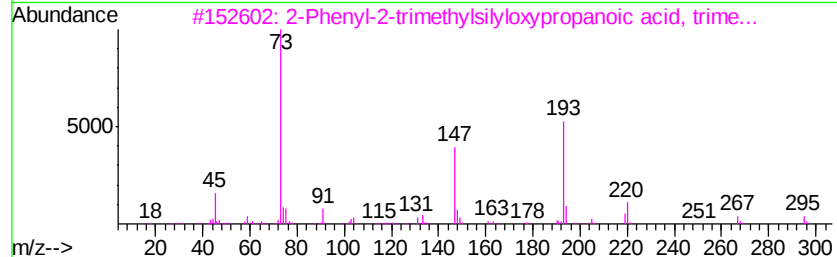
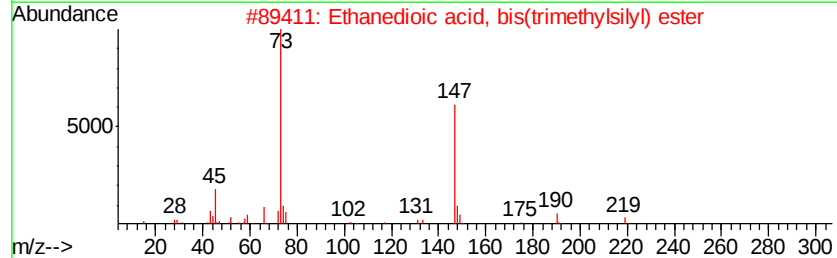
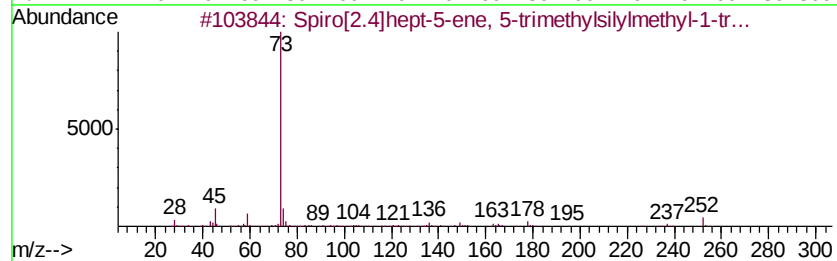
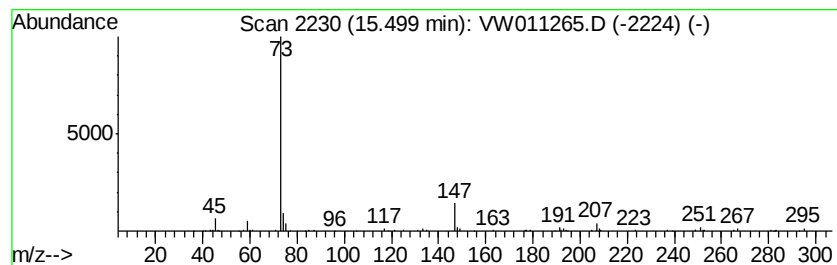
Instrument :
MSVOA_W
ClientSampleId :
A52G2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 7 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.50	1.69 ug/L	66253	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[2.4]hept-5-ene, 5-trimethy...	252	C14H28Si2	1000153-96-9	37
2	Ethanedioic acid, bis(trimethyls...	234	C8H18O4Si2	018294-04-7	36
3	2-Phenyl-2-trimethylsilyloxyprop...	310	C15H26O3Si2	082326-12-3	32
4	Glycerol, tris(trimethylsilyl) e...	308	C12H32O3Si3	006787-10-6	28
5	1,5-Heptadiene, 1,5-bis(trimethy...	252	C14H28Si2	1000153-97-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071519\
Data File : VW011265.D
Acq On : 15 Jul 2019 17:03
Operator : SY/VA
Sample : K3798-02
Misc : 6.95G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52G2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.99	1.4	ug/L	47195	1	8.84	854499	25.0
(DEL) Alkane: Cyc...	5.01	11.9	ug/L	407227	1	8.84	854499	25.0
Pentanal	9.41	1.9	ug/L	65143	1	8.84	854499	25.0
Hexanal	11.07	12.0	ug/L	492095	2	11.63	1022800	25.0
unknown-02	15.50	1.7	ug/L	66253	3	13.56	980155	25.0