

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020633.D
 Acq On : 20 Oct 2021 02:27
 Operator : SY/VA
 Sample : M4263-16
 Misc : 3.40g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7G1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Title : SFAM01.0

Signal : TIC: VW020633.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.343	67	72	83	rVB	72518	118268	12.26%	1.810%
2	2.489	91	96	106	rVB	24096	41995	4.35%	0.643%
3	2.806	144	148	152	rVV	1267	2272	0.24%	0.035%
4	2.873	153	159	171	rVB	31039	68014	7.05%	1.041%
5	3.001	177	180	181	rBV2	376	329	0.03%	0.005%
6	3.373	235	241	249	rVB3	1561	3850	0.40%	0.059%
7	3.544	259	269	273	rBV5	597	1781	0.18%	0.027%
8	3.702	287	295	297	rBV3	503	910	0.09%	0.014%
9	3.720	297	298	304	rVB3	494	595	0.06%	0.009%
10	4.013	334	346	358	rBV2	95479	290099	30.07%	4.440%
11	4.129	358	365	377	rVB	11486	32680	3.39%	0.500%
12	4.251	382	385	388	rVV3	271	416	0.04%	0.006%
13	4.373	396	405	417	rBV2	1091	3820	0.40%	0.058%
14	4.678	443	455	465	rBV	5325	15257	1.58%	0.234%
15	4.921	483	495	507	rBV3	4348	14762	1.53%	0.226%
16	5.793	626	638	649	rBV5	1919	6192	0.64%	0.095%
17	5.940	653	662	669	rVB4	1115	3187	0.33%	0.049%
18	6.110	684	690	691	rBV3	564	982	0.10%	0.015%
19	6.903	812	820	830	rVV2	2503	6829	0.71%	0.105%
20	7.080	841	849	859	rBV	23973	65844	6.83%	1.008%
21	7.287	881	883	890	rVB3	187	304	0.03%	0.005%
22	7.653	932	943	959	rBV	162516	398470	41.30%	6.099%
23	7.769	959	962	965	rVB2	249	281	0.03%	0.004%
24	7.982	992	997	1000	rVB2	185	242	0.03%	0.004%
25	8.274	1034	1045	1058	rBV2	323037	964714	100.00%	14.765%
26	8.707	1108	1116	1126	rVB5	3015	7794	0.81%	0.119%
27	8.841	1128	1138	1147	rBV	305921	585899	60.73%	8.967%
28	8.951	1155	1156	1161	rBV3	197	222	0.02%	0.003%
29	9.049	1166	1172	1173	rBV3	407	565	0.06%	0.009%
30	9.079	1174	1177	1180	rVB2	409	456	0.05%	0.007%
31	9.158	1185	1190	1196	rVB2	373	576	0.06%	0.009%
32	9.274	1200	1209	1219	rBV	229493	462079	47.90%	7.072%
33	9.408	1225	1231	1239	rVB2	9458	18607	1.93%	0.285%
34	9.512	1243	1248	1252	rVB3	251	405	0.04%	0.006%
35	9.604	1258	1263	1269	rBV2	138	336	0.03%	0.005%
36	9.671	1269	1274	1276	rBV2	257	317	0.03%	0.005%

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 Title : SFAM01.0

37	10.036	1326	1334	1344	rBV	113225	201159	20.85%	3.079%
38	10.128	1346	1349	1351	rBV2	252	278	0.03%	0.004%
39	10.207	1358	1362	1367	rVB3	184	306	0.03%	0.005%
40	10.323	1371	1381	1388	rBV	458847	788912	81.78%	12.075%
41	10.384	1388	1391	1402	rVB	16689	30046	3.11%	0.460%
42	10.506	1406	1411	1416	rVB4	1215	1929	0.20%	0.030%
43	10.579	1416	1423	1429	rBV	72128	124809	12.94%	1.910%
44	10.701	1437	1443	1450	rVV2	7305	13016	1.35%	0.199%
45	10.926	1473	1480	1493	rBV	100679	171716	17.80%	2.628%
46	11.073	1497	1504	1517	rVV	69549	116932	12.12%	1.790%
47	11.176	1519	1521	1525	rVV2	357	491	0.05%	0.008%
48	11.280	1534	1538	1539	rBV	206	258	0.03%	0.004%
49	11.341	1546	1548	1550	rBV2	189	245	0.03%	0.004%
50	11.420	1557	1561	1566	rVB4	492	741	0.08%	0.011%
51	11.561	1581	1584	1588	rBV4	667	926	0.10%	0.014%
52	11.634	1588	1596	1604	rVV	385683	655737	67.97%	10.036%
53	11.731	1607	1612	1617	rVV3	1278	2330	0.24%	0.036%
54	11.841	1624	1630	1637	rVV3	5657	11295	1.17%	0.173%
55	11.938	1641	1646	1652	rVV3	3162	5674	0.59%	0.087%
56	12.109	1671	1674	1678	rVV2	243	458	0.05%	0.007%
57	12.164	1678	1683	1688	rVV3	2243	3744	0.39%	0.057%
58	12.237	1691	1695	1699	rVB3	253	466	0.05%	0.007%
59	12.335	1706	1711	1719	rBV	9629	15763	1.63%	0.241%
60	12.390	1719	1720	1723	rVB2	540	332	0.03%	0.005%
61	12.609	1747	1756	1762	rBV	36504	62883	6.52%	0.962%
62	12.688	1762	1769	1776	rBV	139523	229891	23.83%	3.519%
63	12.749	1776	1779	1780	rBV2	507	469	0.05%	0.007%
64	12.877	1795	1800	1801	rBV3	451	714	0.07%	0.011%
65	12.896	1801	1803	1804	rVV	810	739	0.08%	0.011%
66	12.932	1806	1809	1813	rVB5	1316	2176	0.23%	0.033%
67	13.011	1819	1822	1823	rBV	223	221	0.02%	0.003%
68	13.048	1823	1828	1834	rVV5	2181	3730	0.39%	0.057%
69	13.103	1834	1837	1841	rVB4	729	1087	0.11%	0.017%
70	13.133	1841	1842	1844	rBV2	349	292	0.03%	0.004%
71	13.188	1849	1851	1857	rVB3	728	939	0.10%	0.014%
72	13.274	1857	1865	1876	rBV4	5221	11023	1.14%	0.169%
73	13.396	1879	1885	1893	rBV2	10321	17091	1.77%	0.262%
74	13.475	1894	1898	1903	rVB2	1424	2078	0.22%	0.032%
75	13.554	1904	1911	1921	rBV	272919	441573	45.77%	6.758%
76	13.645	1921	1926	1935	rVB	10683	16568	1.72%	0.254%

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 Title : SFAM01.0

77	13.761	1939	1945	1949	rBV4	623	1041	0.11%	0.016%
78	13.853	1952	1960	1968	rBV	253142	411341	42.64%	6.296%
79	14.017	1982	1987	1990	rBV	1504	2187	0.23%	0.033%
80	14.066	1990	1995	2005	rVB2	8752	14545	1.51%	0.223%
81	14.219	2018	2020	2024	rVB3	377	446	0.05%	0.007%
82	14.322	2029	2037	2044	rBV3	9591	16224	1.68%	0.248%
83	14.487	2059	2064	2067	rBV3	319	572	0.06%	0.009%
84	14.523	2067	2070	2075	rVB4	670	771	0.08%	0.012%
85	14.615	2082	2085	2089	rBV4	611	821	0.09%	0.013%
86	14.688	2095	2097	2099	rBV2	320	257	0.03%	0.004%
87	14.877	2123	2128	2131	rVB5	690	1211	0.13%	0.019%
88	14.950	2136	2140	2146	rVB4	925	1167	0.12%	0.018%
89	15.017	2146	2151	2156	rBV4	4315	6539	0.68%	0.100%
90	15.176	2172	2177	2183	rVB3	2543	4440	0.46%	0.068%
91	15.487	2224	2228	2234	rVV	670	1164	0.12%	0.018%
92	15.712	2262	2265	2269	rBV3	270	330	0.03%	0.005%
93	15.767	2269	2274	2277	rBV5	543	865	0.09%	0.013%
94	15.846	2282	2287	2291	rBV6	720	1024	0.11%	0.016%
95	15.956	2300	2305	2310	rVB5	708	1320	0.14%	0.020%
96	16.090	2324	2327	2328	rVV2	336	333	0.03%	0.005%
97	16.145	2332	2336	2338	rBV3	231	239	0.02%	0.004%
98	16.365	2362	2372	2384	rVB2	2581	7672	0.80%	0.117%
99	16.578	2404	2407	2409	rBV2	212	264	0.03%	0.004%
100	16.718	2427	2430	2433	rBV2	322	459	0.05%	0.007%

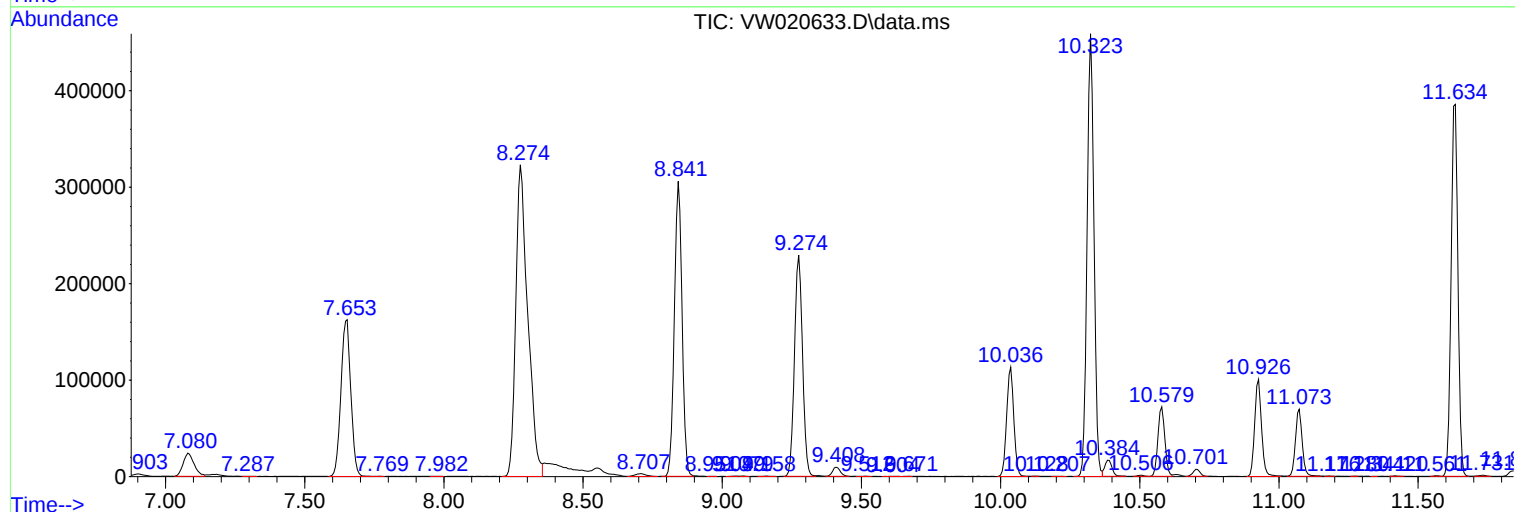
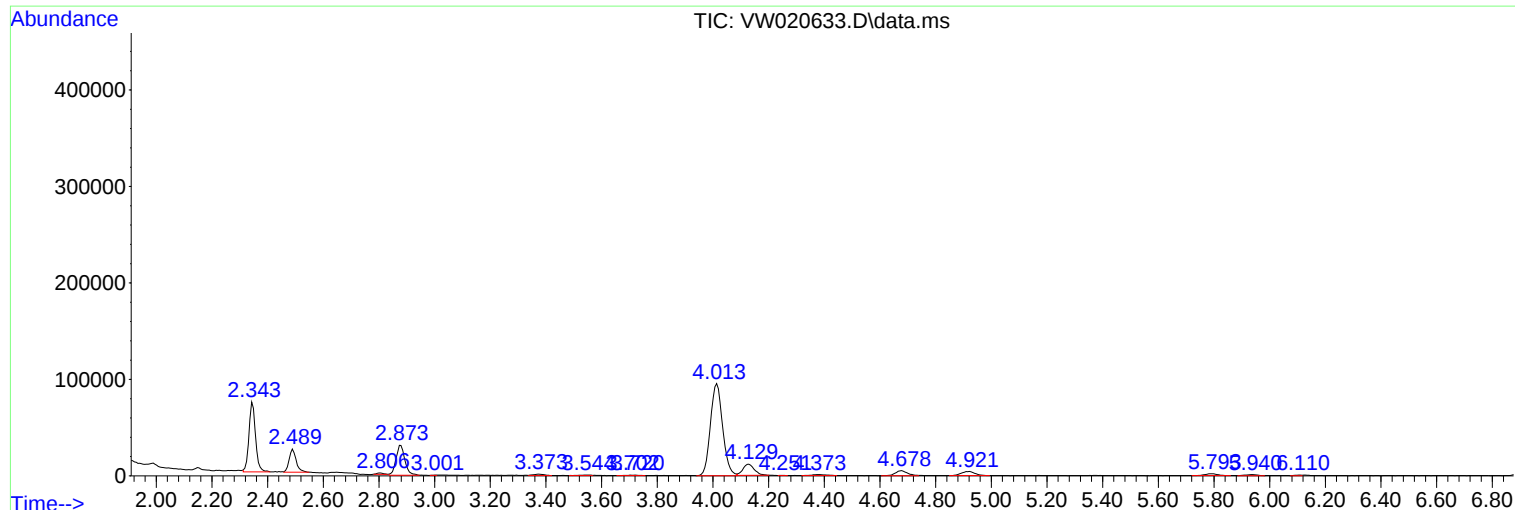
Sum of corrected areas: 6533618

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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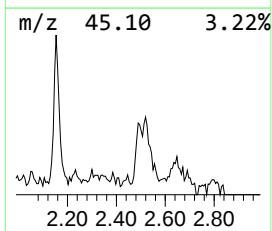
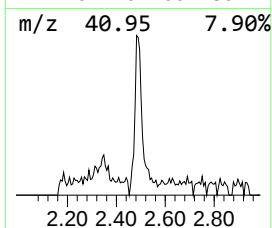
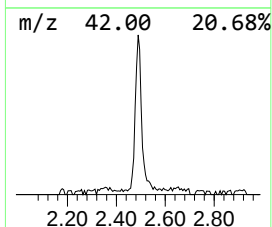
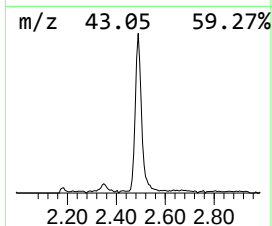
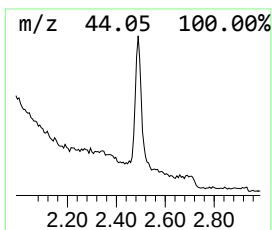
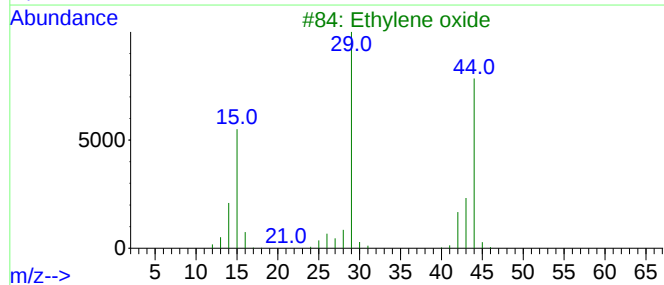
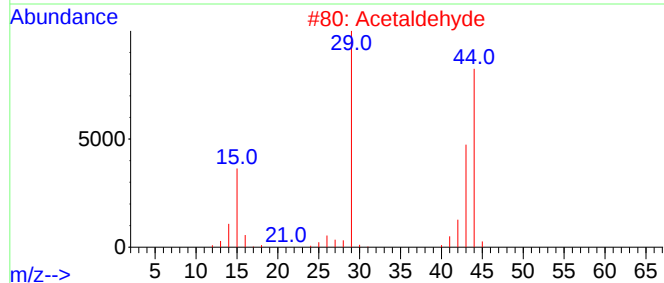
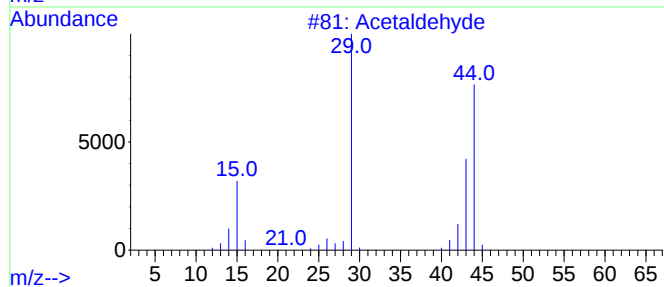
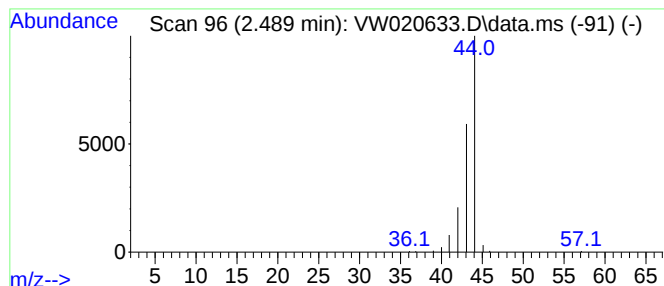
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	1.79 ug/L	41995	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Acetaldehyde	44	C2H4O	000075-07-0	74
3			Ethylene oxide	44	C2H4O	000075-21-8	9
4			Propane	44	C3H8	000074-98-6	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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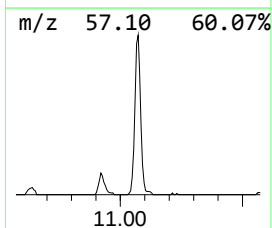
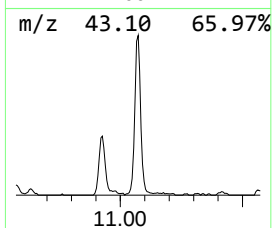
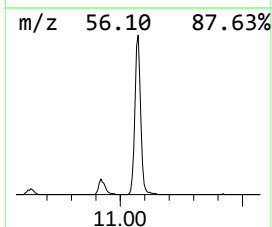
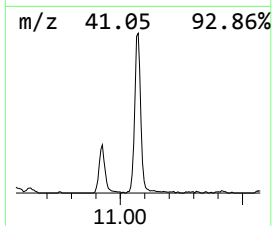
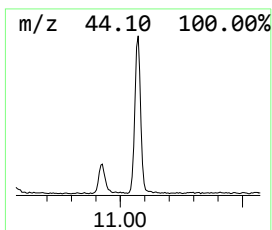
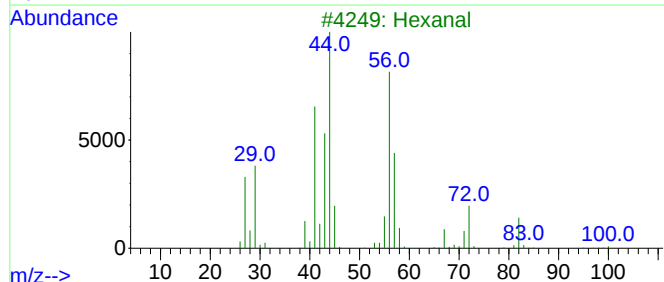
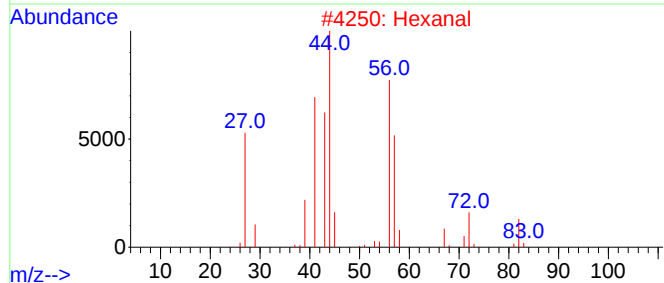
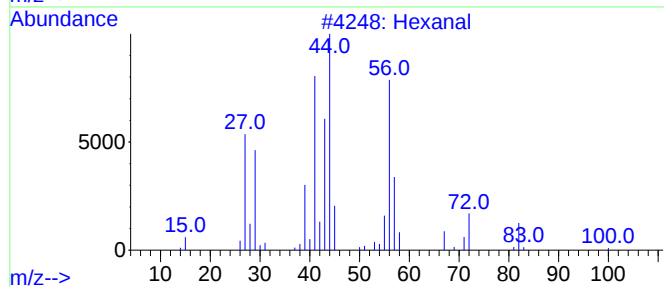
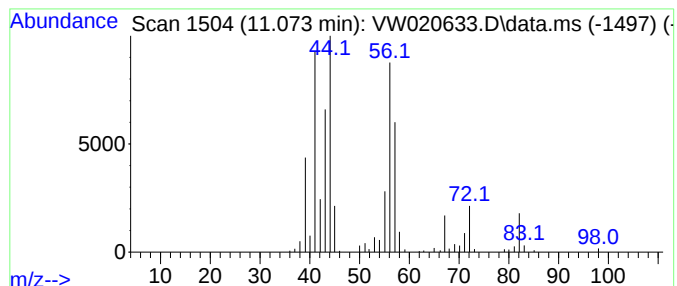
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	4.46 ug/L	116932	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	72
2	Hexanal			100	C6H12O	000066-25-1	72
3	Hexanal			100	C6H12O	000066-25-1	72
4	Hexanal			100	C6H12O	000066-25-1	64
5	Hexanal			100	C6H12O	000066-25-1	64



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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.489	1.8	ug/L	41995	1	8.841	585899	25.0
Hexanal	11.073	4.5	ug/L	116932	2	11.634	655737	25.0