LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092019\
Data File : VN058238.D
Acq On : 20 Sep 2019 10:36
Operator : JC/SP
Sample : K4973-01 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EFF-WW

Integration Parameters: RTEINT3.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_N\METHODS\624N090919W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.426	193	203	211	rBV4	17923	31236	1.10%	0.238%
2	3.793	610	628	654	rBV	1104861	2839987	100.00%	21.638%
3	4.031	683	702	745	rBV	989871	2795377	98.43%	21.298%
4	5.931	1270	1293	1317	rBV2	56716	189135	6.66%	1.441%
5	7.178	1661	1681	1705	rBV2	200395	549225	19.34%	4.184%
6	7.358	1720	1737	1754	rBV2	16397	42637	1.50%	0.325%
7	8.011	1918	1940	1960	rBV2	227863	535636	18.86%	4.081%
8	8.574	2099	2115	2136	rVB	488961	1042030	36.69%	7.939%
9	10.085	2569	2585	2603	rBV	772528	1418674	49.95%	10.809%
10	11.406	2983	2996	3016	rBV	695810	1193860	42.04%	9.096%
11	12.188	3228	3239	3254	rBV2	45046	77801	2.74%	0.593%
12	12.403	3290	3306	3334	rVB	530828	903648	31.82%	6.885%
13	13.458	3618	3634	3657	rBV	301089	563253	19.83%	4.291%
14	13.889	3752	3768	3780	rBV	523427	857972	30.21%	6.537%
15	14.114	3828	3838	3848	rBV	52821	84809	2.99%	0.646%

Sum of corrected areas: 13125280

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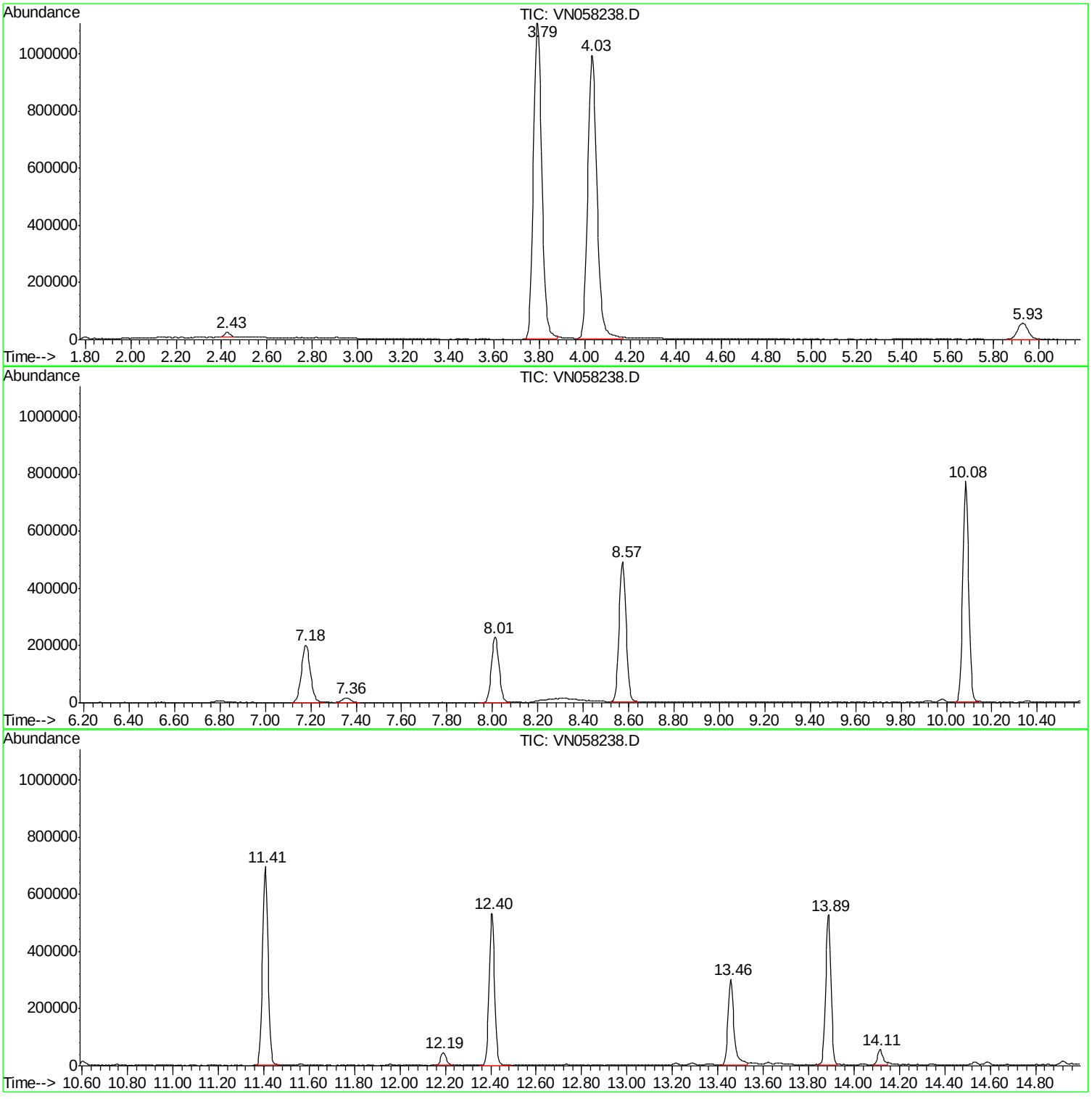
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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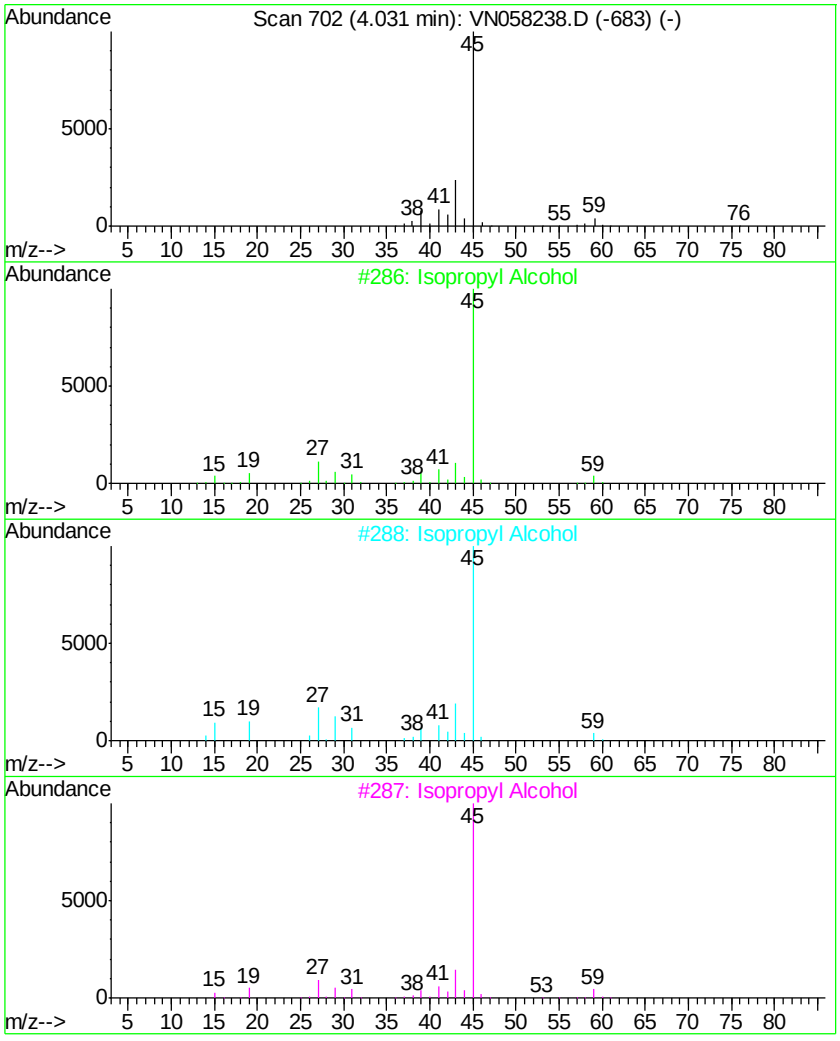
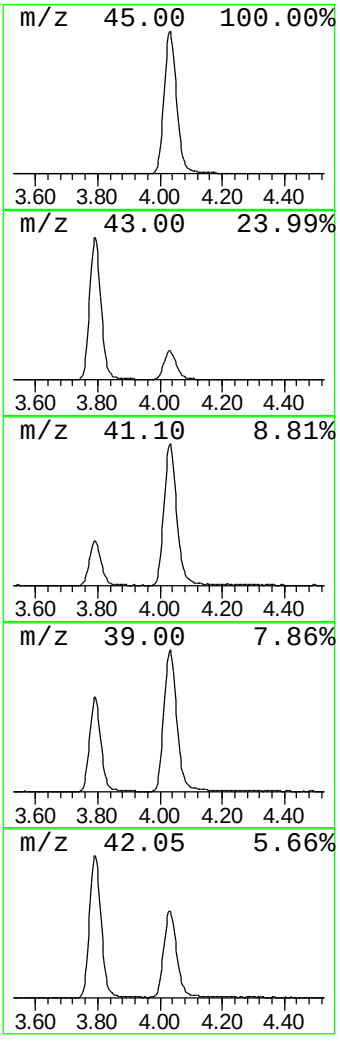
Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	152.69 ug/l	2795380	Bromochloromethane	7.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Library Search Compound Report

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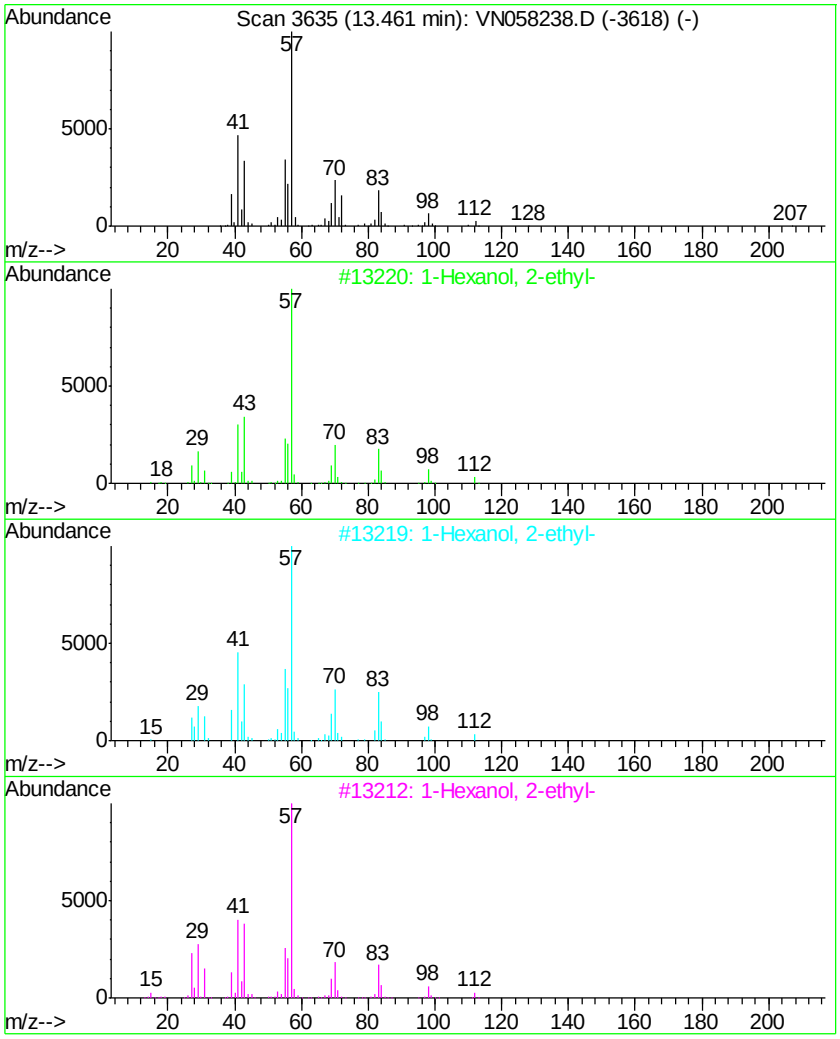
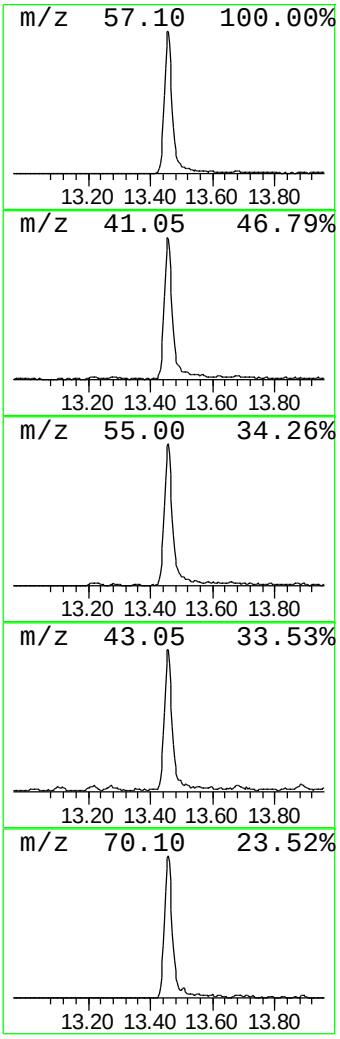
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	14.15 ug/l	563253	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	47





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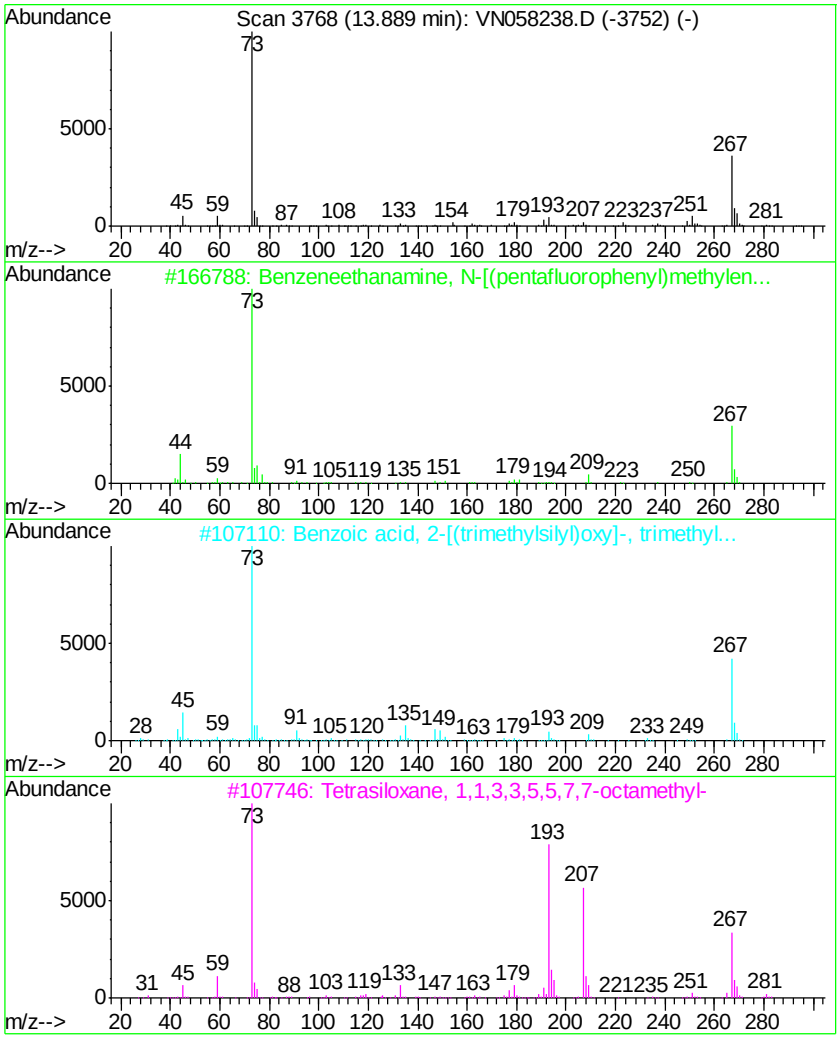
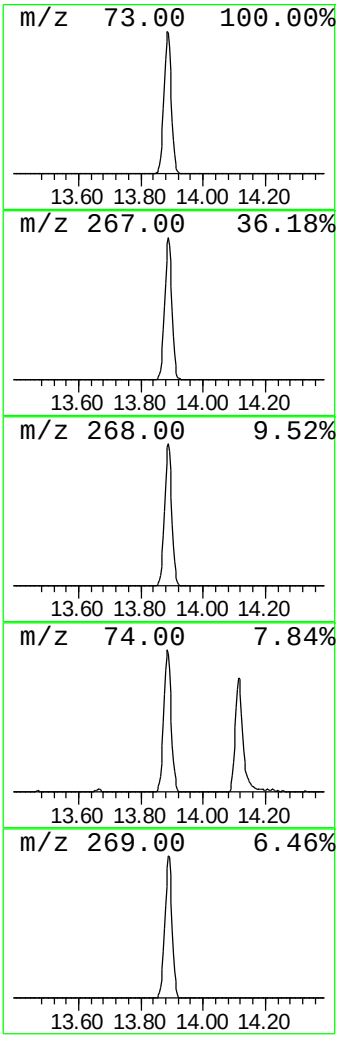
Peak Number 3 Benzeneethanamine, N-[(pent... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	21.56 ug/l	857972	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	59
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38
3	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	38
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38
5	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	4.03	152.7	ug/l	2795380	1	7.18	549225	30.0
1-Hexanol, 2-ethyl-	13.46	14.2	ug/l	563253	3	11.41	1193860	30.0
Benzeneethanamine...	13.89	21.6	ug/l	857972	3	11.41	1193860	30.0