LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111419\
Data File : VN059236.D
Acq On : 14 Nov 2019 16:06
Operator : JC/SP
Sample : K5843-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-318D-SRI4

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82N110619W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.799	3	8	29	rVB2	183416	239709	10.01%	1.708%
2	2.143	106	115	132	rVB2	78442	174363	7.28%	1.242%
3	3.040	384	394	406	rVB2	20752	42714	1.78%	0.304%
4	3.124	406	420	441	rVB4	46814	115300	4.82%	0.821%
5	3.732	596	609	621	rBV10	9719	25956	1.08%	0.185%
6	4.031	687	702	728	rBV2	28435	85193	3.56%	0.607%
7	5.011	990	1007	1031	rVB5	9826	38438	1.61%	0.274%
8	7.349	1715	1734	1749	rBV2	23854	60442	2.52%	0.431%
9	7.571	1784	1803	1814	rBV	299406	755861	31.57%	5.385%
10	7.645	1814	1826	1849	rVB	590847	1385905	57.89%	9.873%
11	8.008	1919	1939	1961	rBV	357858	831757	34.74%	5.925%
12	8.567	2096	2113	2141	rBV	842471	1748099	73.02%	12.453%
13	8.821	2169	2192	2208	rBV	179618	387472	16.19%	2.760%
14	10.079	2569	2583	2614	rBV	1285085	2393994	100.00%	17.055%
15	10.625	2739	2753	2774	rVB	337842	617359	25.79%	4.398%
16	10.847	2811	2822	2849	rVB2	161622	294014	12.28%	2.095%
17	11.403	2981	2995	3018	rBV	1123162	1960403	81.89%	13.966%
18	12.400	3291	3305	3327	rBV	822840	1397190	58.36%	9.953%
19	13.345	3585	3599	3615	rBV	853061	1443009	60.28%	10.280%
20	14.130	3836	3843	3856	rVB3	25857	40003	1.67%	0.285%

Sum of corrected areas: 14037181

LSC Report - Integrated Chromatogram

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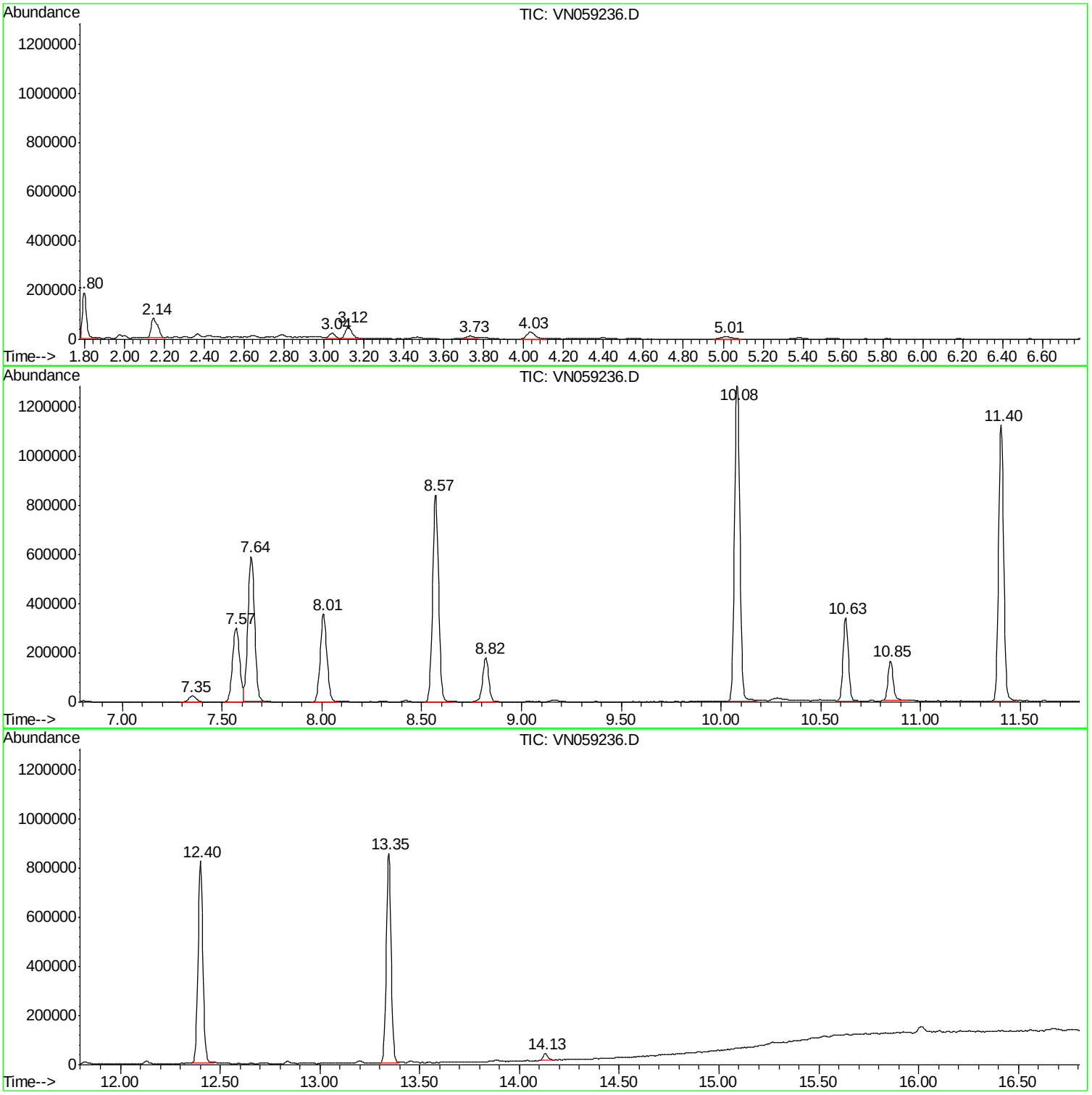
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260

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



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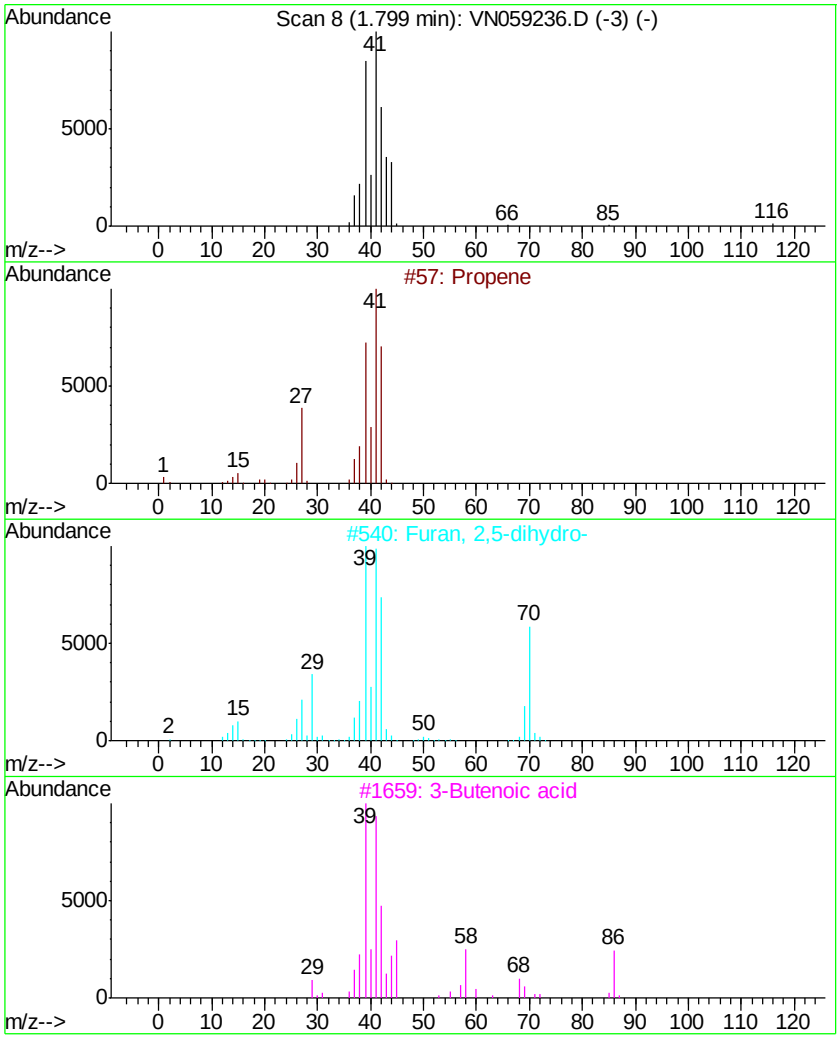
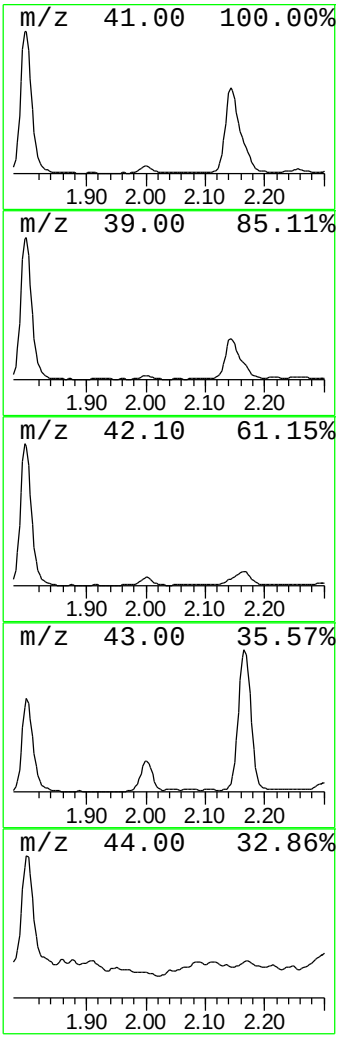
Peak Number 1 Propene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.80	8.65 ug/l	239709	Pentafluorobenzene	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3	3-Butenoic acid	86	C4H6O2	000625-38-7	78
4	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
5	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	74





Library Search Compound Report

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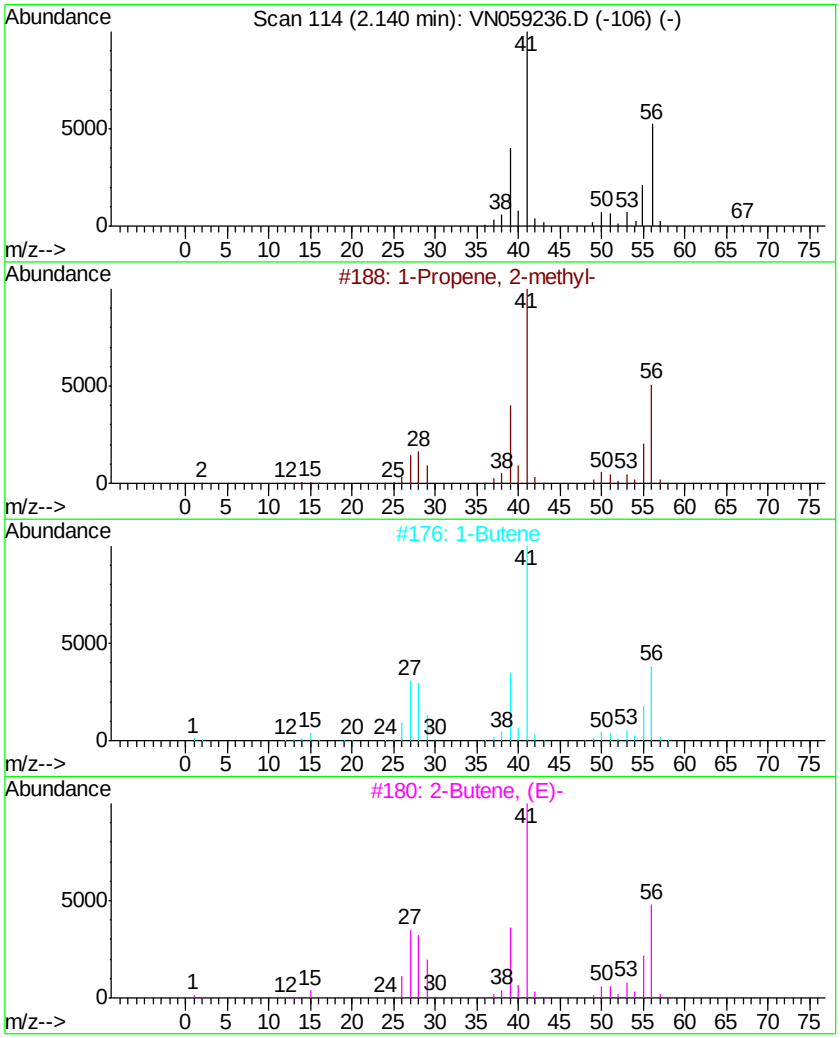
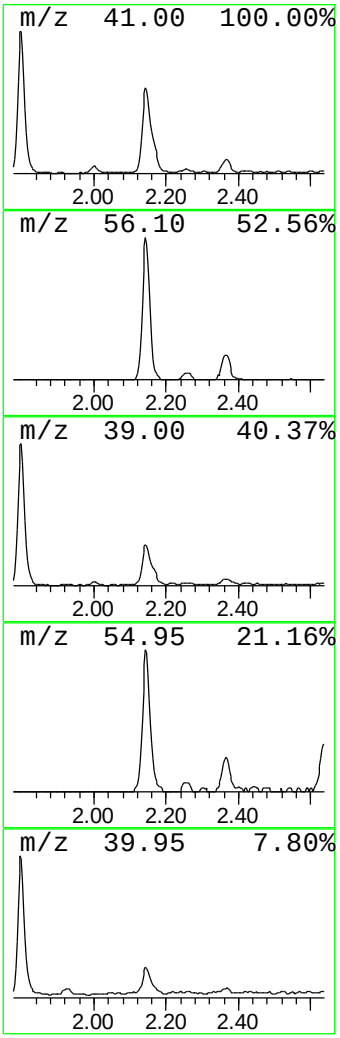
Peak Number 2 1-Propene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	6.29 ug/l	174363	Pentafluorobenzene	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	1-Butene	56	C4H8	000106-98-9	87
3	2-Butene, (E)-	56	C4H8	000624-64-6	80
4	2-Butene	56	C4H8	000107-01-7	64
5	2-Butene, (Z)-	56	C4H8	000590-18-1	52





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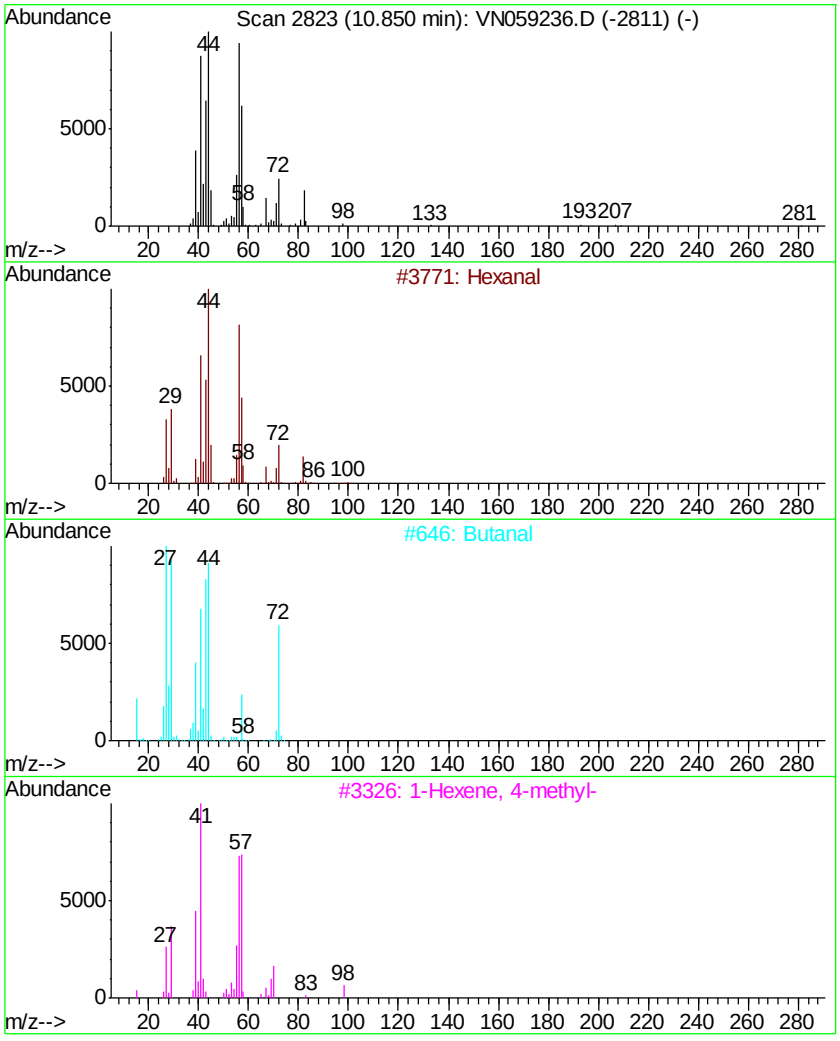
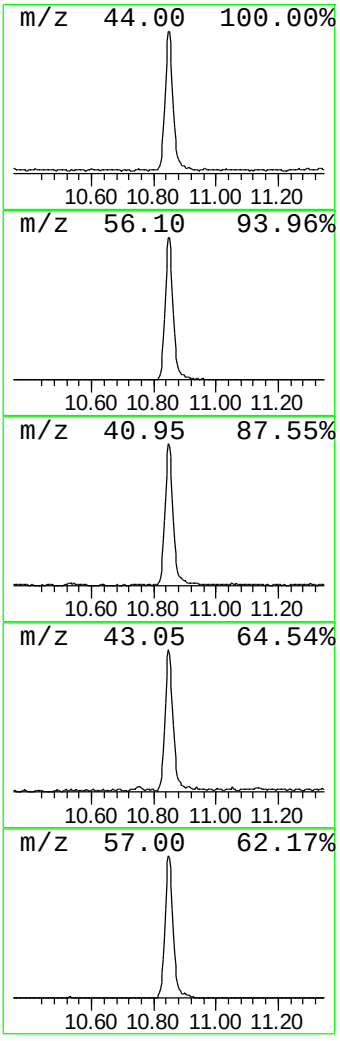
Peak Number 3 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	7.50 ug/l	294014	Chlorobenzene-d5	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	72
2	Butanal	72	C4H8O	000123-72-8	43
3	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	38
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	32
5	Glutaraldehyde	100	C5H8O2	000111-30-8	25





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propene	1.80	8.7	ug/l	239709	1	7.64	1385910	50.0
1-Propene, 2-methyl-	2.14	6.3	ug/l	174363	1	7.64	1385910	50.0
Hexanal	10.85	7.5	ug/l	294014	3	11.40	1960400	50.0