

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021738.D
 Acq On : 01 Apr 2025 13:46
 Operator : SY/MD
 Sample : Q1675-12
 Misc : 8.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T6

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_Y\methods\82Y032725S.M

Title : SW846 8260

Signal : TIC: VY021738.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.860	345	351	362	rVB2	7442	21612	1.34%	0.235%
2	4.610	460	474	485	rBV2	18020	60134	3.73%	0.655%
3	7.634	958	970	976	rBV2	228054	559280	34.68%	6.094%
4	7.707	976	982	990	rVV	332641	757459	46.97%	8.253%
5	7.786	990	995	1006	rVB4	16615	42907	2.66%	0.467%
6	8.055	1030	1039	1052	rBV	195883	437507	27.13%	4.767%
7	8.244	1060	1070	1080	rBV	103872	247797	15.37%	2.700%
8	8.609	1121	1130	1142	rBV	582872	1157845	71.80%	12.615%
9	9.073	1200	1206	1210	rBV4	11788	25237	1.57%	0.275%
10	9.164	1217	1221	1229	rVV7	7564	16177	1.00%	0.176%
11	9.243	1229	1234	1243	rVB3	10047	20008	1.24%	0.218%
12	9.542	1275	1283	1295	rBV	70282	140883	8.74%	1.535%
13	9.670	1295	1304	1312	rBV2	101206	209110	12.97%	2.278%
14	10.103	1368	1375	1391	rVB	941969	1612574	100.00%	17.570%
15	10.536	1437	1446	1455	rBV7	14053	36206	2.25%	0.394%
16	11.414	1583	1590	1601	rBV	907317	1435885	89.04%	15.645%
17	12.408	1744	1753	1761	rBV	670247	1076984	66.79%	11.734%
18	13.346	1899	1907	1915	rBV	812368	1222611	75.82%	13.321%
19	13.883	1989	1995	2008	rVB	56988	97871	6.07%	1.066%

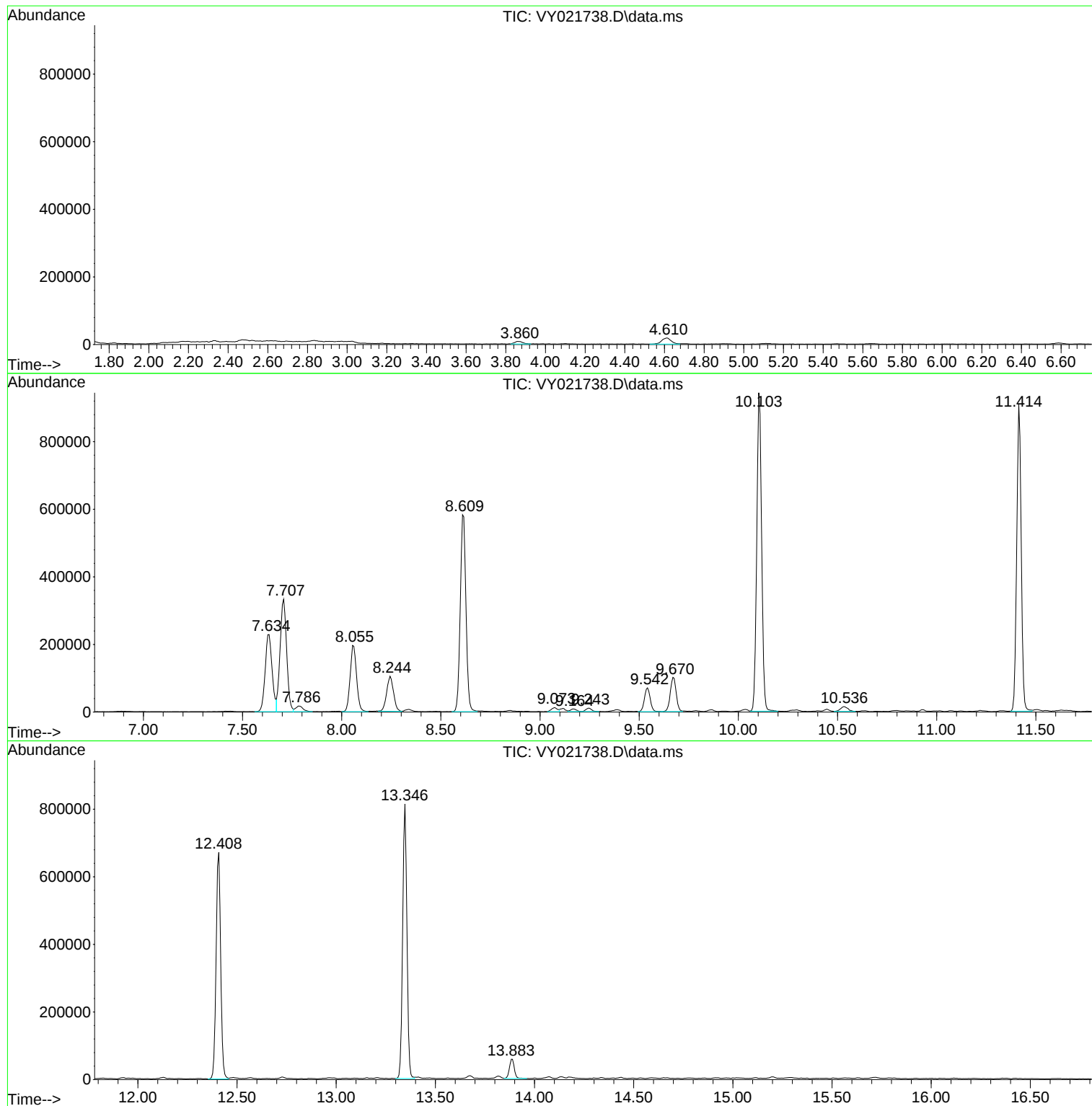
Sum of corrected areas: 9178087

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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



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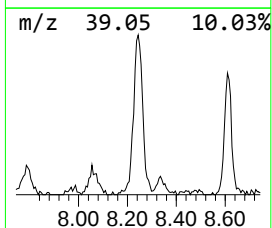
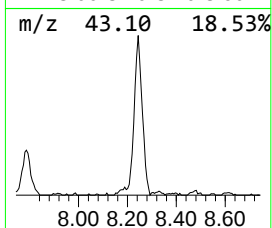
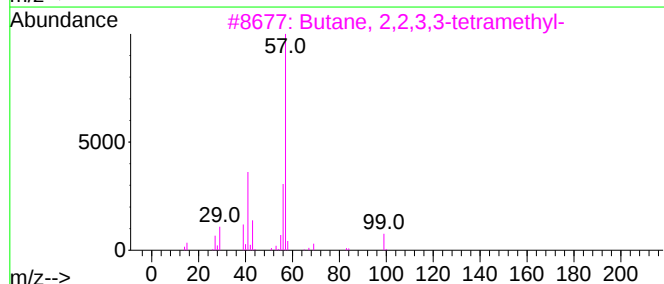
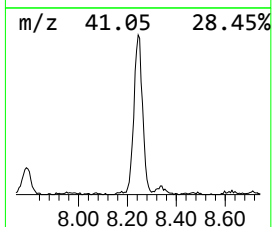
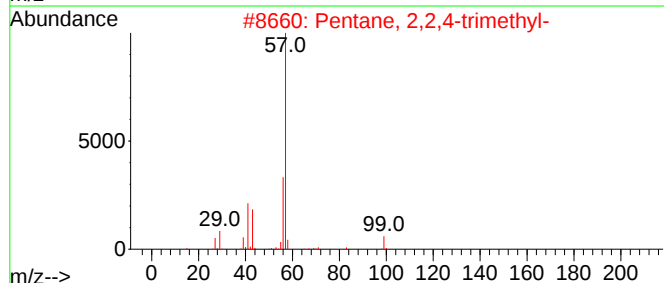
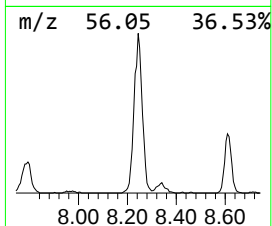
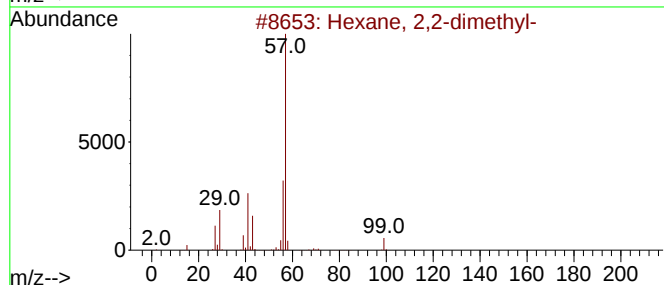
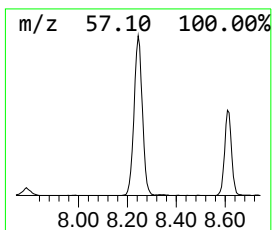
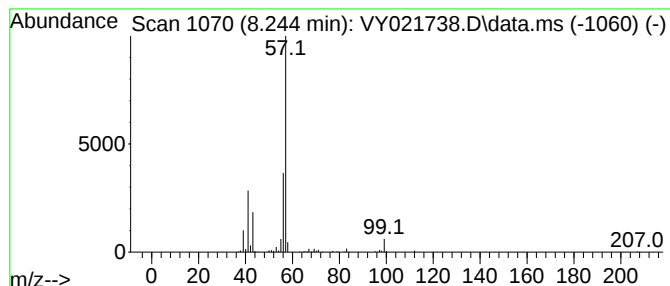
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 1 Hexane, 2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.244	10.70 ug/l	247797	1,4-Difluorobenzene	8.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59



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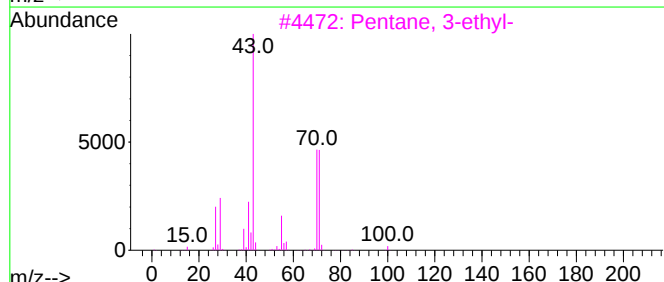
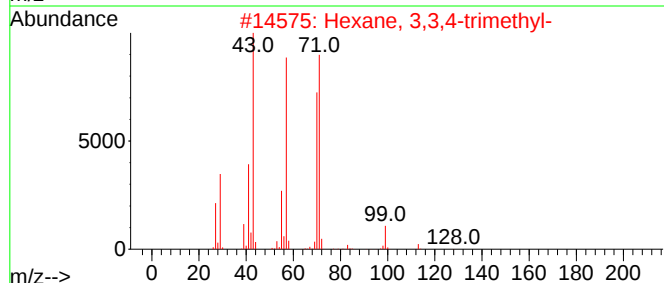
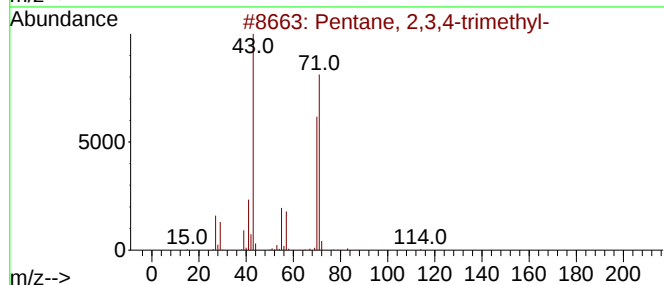
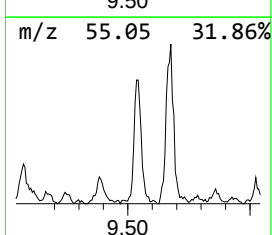
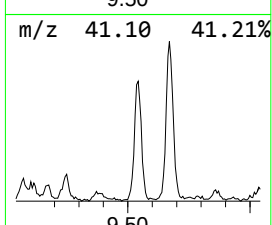
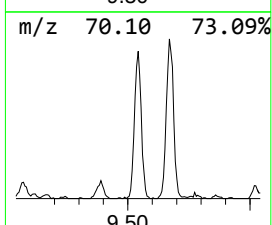
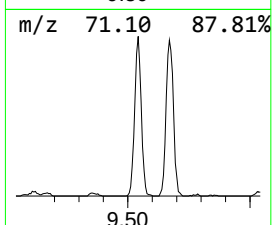
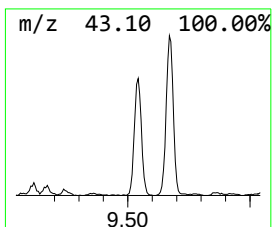
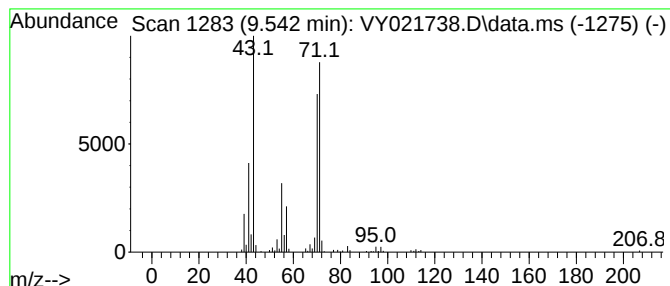
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Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.542	6.08 ug/l	140883	1,4-Difluorobenzene	8.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
4			Butanoic acid, 3-methylbutyl ester	158	C9H18O2	000106-27-4	64
5			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64



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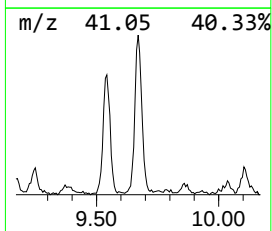
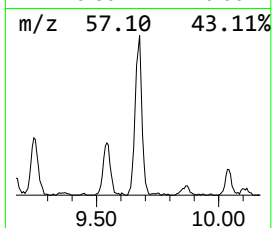
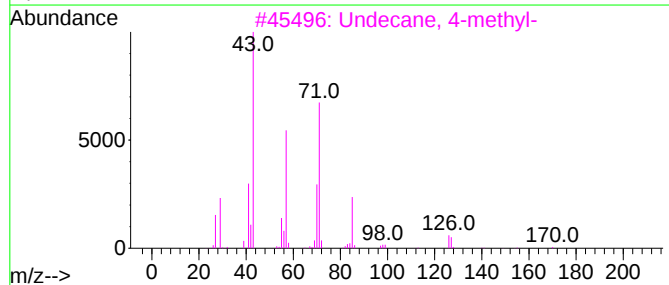
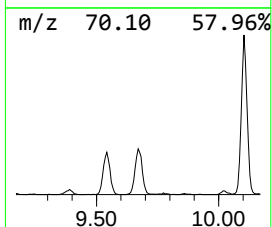
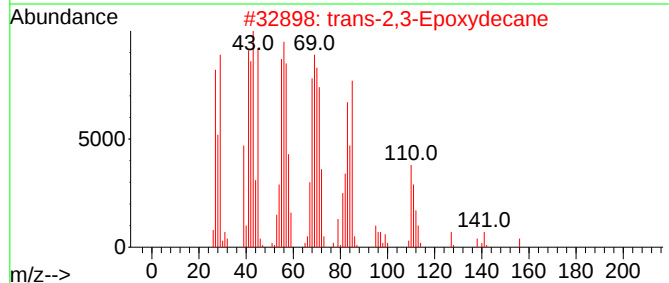
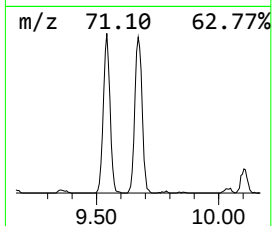
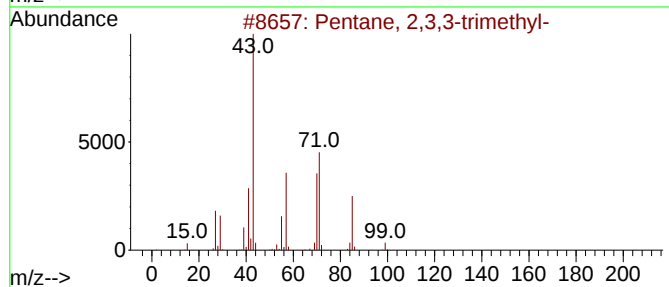
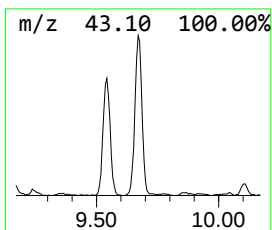
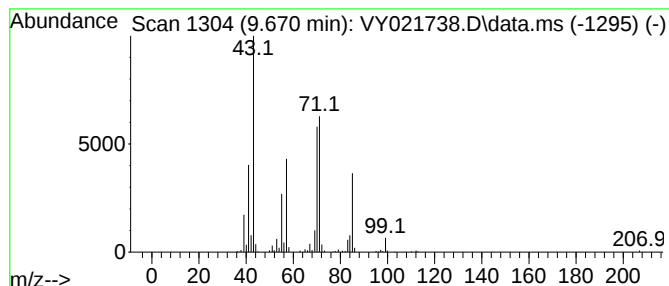
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Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.670	9.03 ug/l	209110	1,4-Difluorobenzene	8.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	64
3			Undecane, 4-methyl-	170	C12H26	002980-69-0	59
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5			Pentane, 3-ethyl-	100	C7H16	000617-78-7	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexane, 2,2-dim...	8.244	10.7	ug/l	247797	2	8.616	1157850	50.0
Pentane, 2,3,4-...	9.542	6.1	ug/l	140883	2	8.616	1157850	50.0
Pentane, 2,3,3-...	9.670	9.0	ug/l	209110	2	8.616	1157850	50.0