LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
Data File : VY018546.D
Acq On : 10 Jun 2024 13:24
Operator : SY/MD
Sample : P2795-09
Misc : 7.86g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-(10-15)-GRAB

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\82Y060324S.M
Title : SW846 8260

Signal : TIC: VY018546.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.887	171	175	184	rVB7	3487	8292	1.22%	0.280%
2	3.058	198	203	211	rVB9	2796	8653	1.28%	0.293%
3	4.704	462	473	482	rBV2	21494	70811	10.44%	2.395%
4	5.741	634	643	652	rBV7	3904	12419	1.83%	0.420%
5	6.685	788	798	804	rBV8	3189	9826	1.45%	0.332%
6	7.710	956	966	972	rBV	89031	213614	31.50%	7.225%
7	7.783	972	978	986	rVV	84614	189991	28.02%	6.426%
8	7.862	986	991	998	rVB5	6133	13113	1.93%	0.443%
9	8.136	1028	1036	1046	rVB	92198	196054	28.91%	6.631%
10	8.319	1057	1066	1074	rVB	19244	45670	6.73%	1.545%
11	8.685	1117	1126	1136	rBV	151583	299768	44.21%	10.139%
12	9.185	1204	1208	1212	rBV5	5694	8821	1.30%	0.298%
13	9.240	1212	1217	1223	rVB7	3465	8134	1.20%	0.275%
14	9.459	1245	1253	1259	rVB5	3030	7264	1.07%	0.246%
15	9.612	1270	1278	1286	rBV2	21013	42932	6.33%	1.452%
16	9.746	1289	1300	1307	rBV	23811	50694	7.48%	1.715%
17	9.941	1324	1332	1338	rBV8	4385	10708	1.58%	0.362%
18	10.112	1353	1360	1364	rBV	12406	23463	3.46%	0.794%
19	10.179	1364	1371	1380	rVB	395516	678110	100.00%	22.935%
20	10.898	1479	1489	1499	rBV5	5146	13517	1.99%	0.457%
21	11.489	1577	1586	1595	rBV	222940	370555	54.65%	12.533%
22	12.477	1741	1748	1757	rBV	239511	394778	58.22%	13.352%
23	13.422	1897	1903	1913	rVB	169331	264557	39.01%	8.948%
24	13.965	1988	1992	1997	rVB3	4901	7579	1.12%	0.256%
25	14.379	2055	2060	2063	rBV3	5011	7391	1.09%	0.250%

Sum of corrected areas: 2956714

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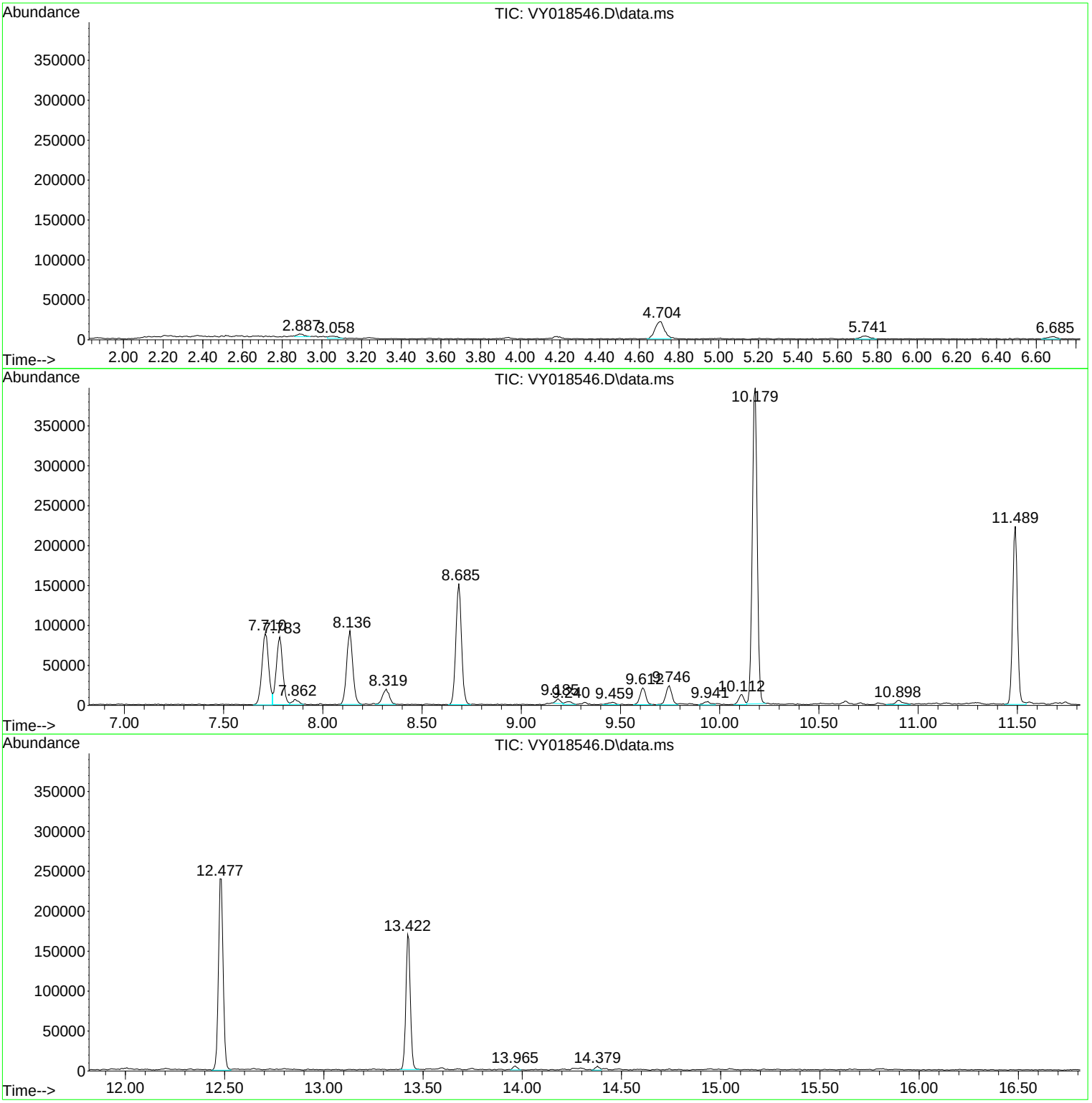
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

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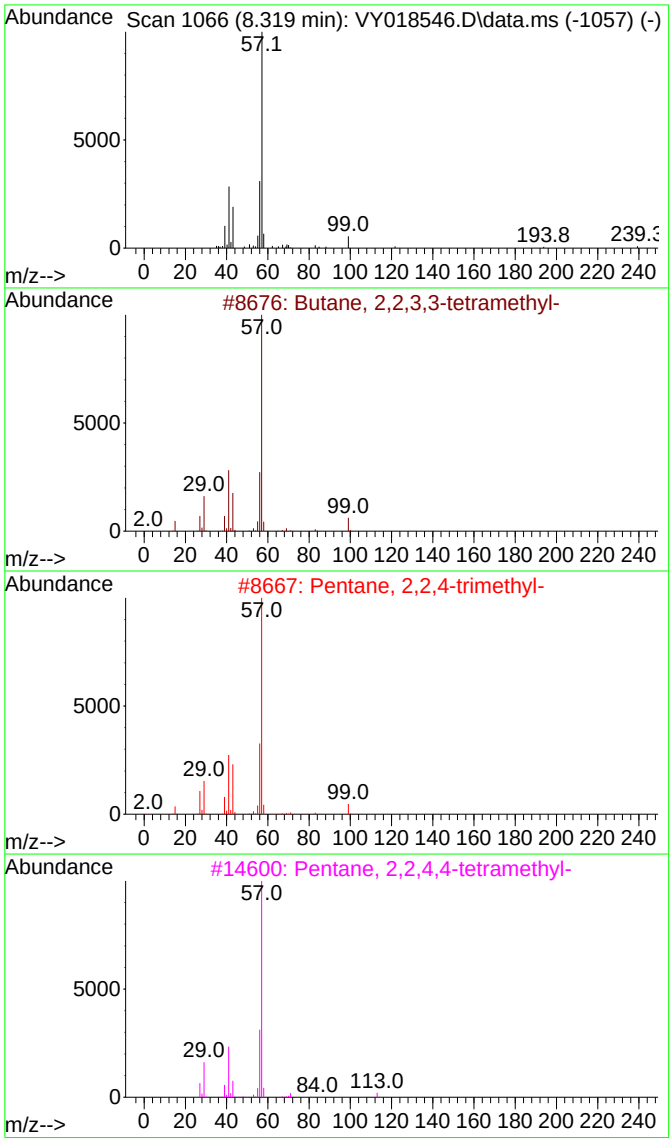
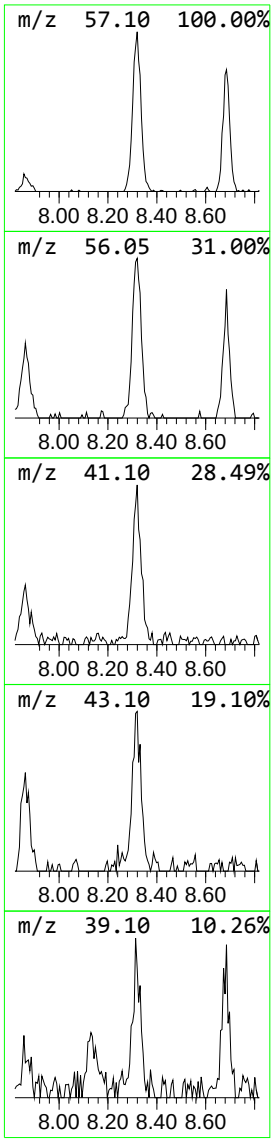
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	7.62 ug/l	45670	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59





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Instrument :
MSVOA_Y
ClientSampleId :
WC-3-(10-15)-GRAB

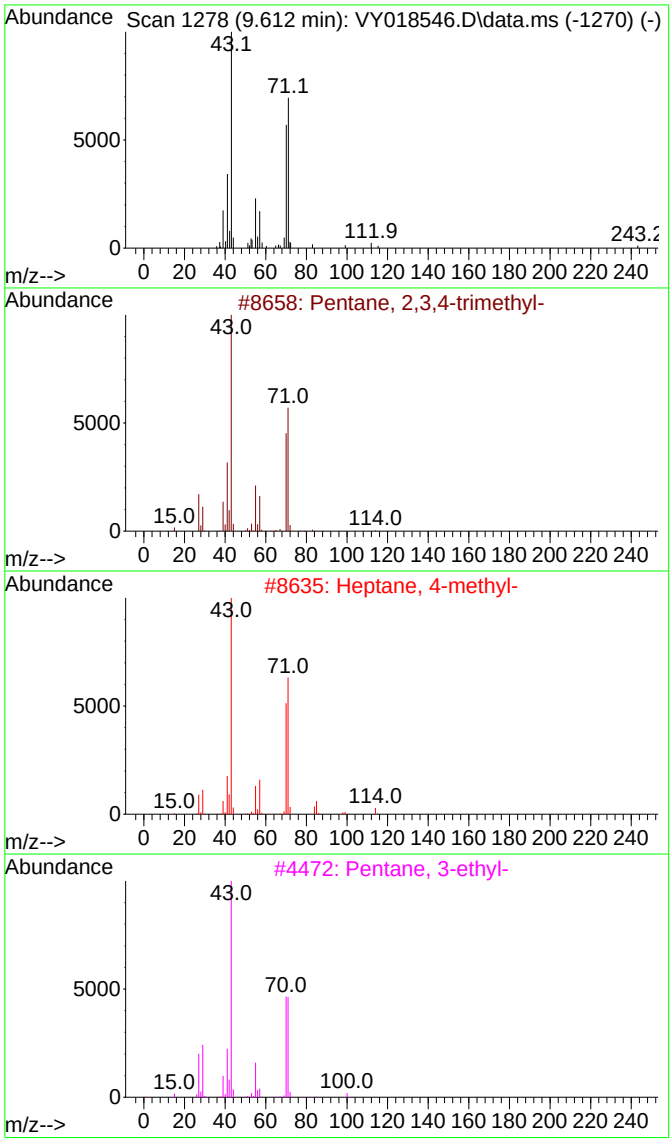
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260

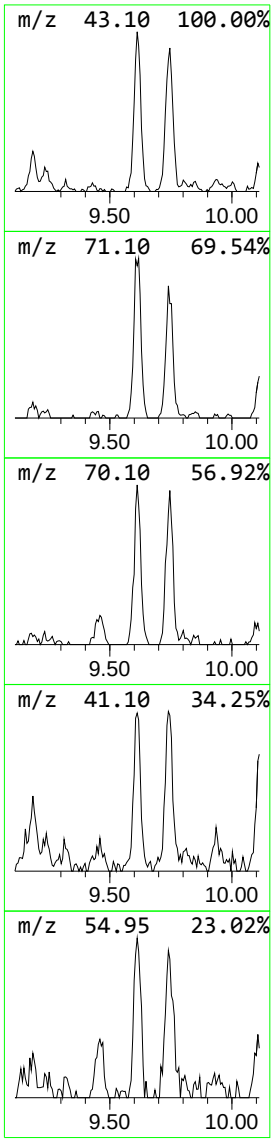
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	7.16 ug/l	42932	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	56
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	56





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-(10-15)-GRAB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260

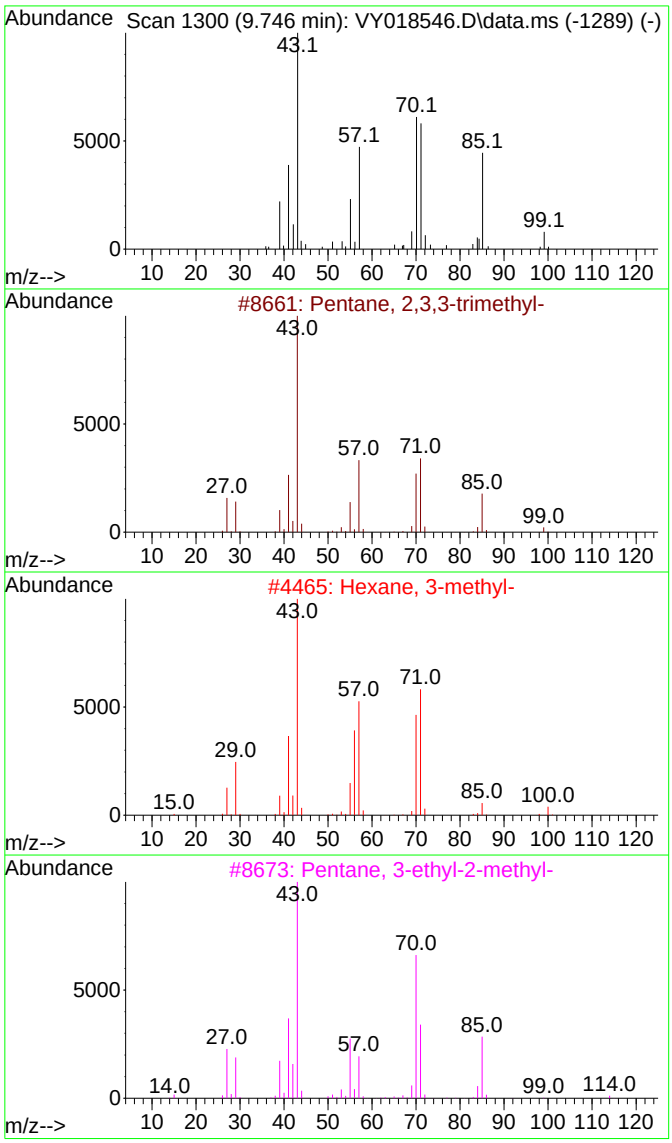
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

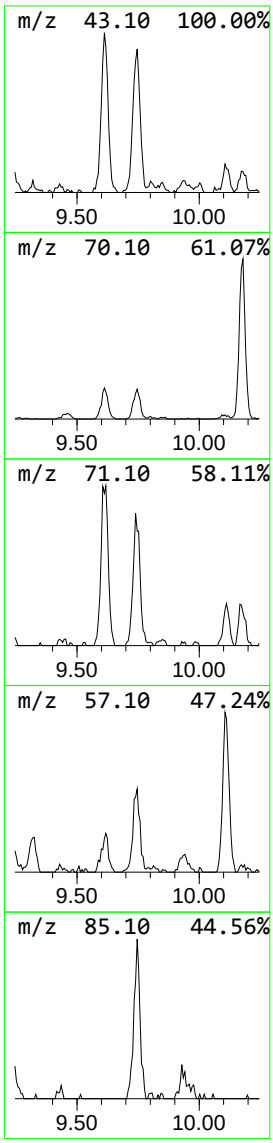
****

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	8.46 ug/l	50694	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	53
3	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2,2,3,3...	8.319	7.6	ug/l	45670	2	8.685	299768	50.0
Pentane, 2,3,4-...	9.612	7.2	ug/l	42932	2	8.685	299768	50.0
Pentane, 2,3,3-...	9.746	8.5	ug/l	50694	2	8.685	299768	50.0