LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
Data File : VD068743.D
Acq On : 31 Mar 2021 17:34
Operator : VA/SY
Sample : M1836-07
Misc : 11.26G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B3-19-21

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_D\Method\82D031921S.M
Title : SW846 8260

Signal : TIC: VD068743.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.350	68	73	77	rVB	21424	32559	1.79%	0.299%
2	3.038	183	190	201	rVB2	109363	236546	12.98%	2.170%
3	3.409	244	253	263	rBV3	41433	107004	5.87%	0.982%
4	3.615	279	288	300	rBV3	13559	32303	1.77%	0.296%
5	3.885	324	334	345	rVB3	20659	53402	2.93%	0.490%
6	4.950	508	515	516	rBV4	22509	35012	1.92%	0.321%
7	5.015	524	526	542	rVB6	27929	77758	4.27%	0.713%
8	5.497	594	608	623	rBV3	22556	81643	4.48%	0.749%
9	5.997	683	693	702	rBV3	18973	54007	2.96%	0.495%
10	6.926	842	851	859	rBV5	9952	28016	1.54%	0.257%
11	7.032	859	869	877	rVB5	13439	37102	2.04%	0.340%
12	7.920	1008	1020	1024	rBV	239932	578326	31.73%	5.306%
13	7.979	1024	1030	1039	rVV	425916	979595	53.75%	8.987%
14	8.061	1039	1044	1058	rVB4	15904	41397	2.27%	0.380%
15	8.185	1058	1065	1073	rBV5	12099	29418	1.61%	0.270%
16	8.332	1081	1090	1104	rVB2	210577	502372	27.56%	4.609%
17	8.509	1109	1120	1130	rVB	58237	147787	8.11%	1.356%
18	8.867	1171	1181	1194	rBV	634604	1274022	69.90%	11.689%
19	9.356	1254	1264	1269	rBV6	10908	24037	1.32%	0.221%
20	9.779	1328	1336	1345	rBV4	16381	33069	1.81%	0.303%
21	9.920	1353	1360	1366	rVB5	13221	30581	1.68%	0.281%
22	10.338	1424	1431	1439	rBV	1011079	1822560	100.00%	16.721%
23	10.403	1439	1442	1451	rVB	26354	44386	2.44%	0.407%
24	11.644	1645	1653	1664	rBV	868460	1556503	85.40%	14.280%
25	12.632	1813	1821	1830	rVB	851595	1399903	76.81%	12.843%
26	13.573	1973	1981	1989	rBV	1031224	1660473	91.11%	15.234%

Sum of corrected areas: 10899781

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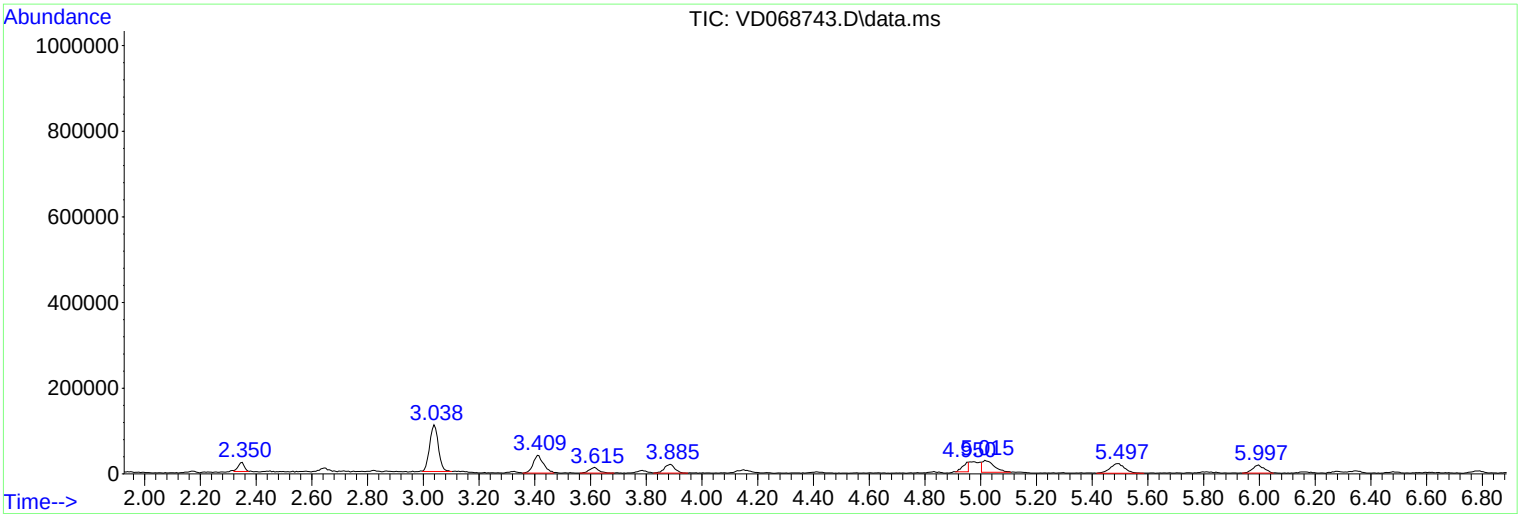
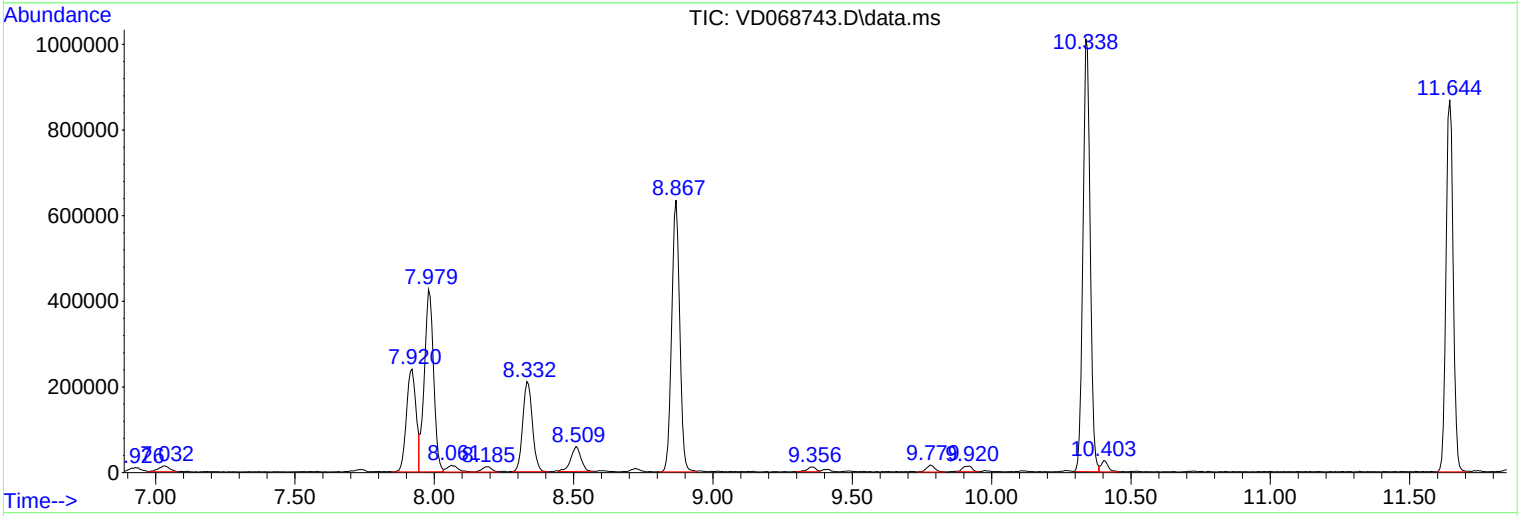
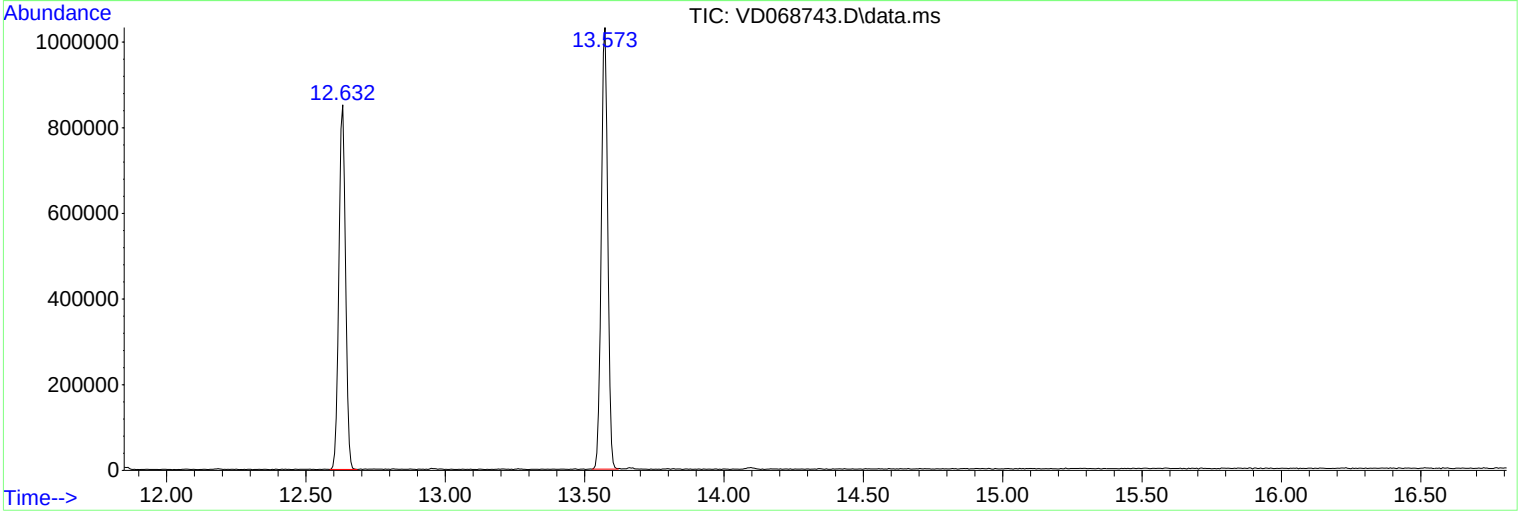
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

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







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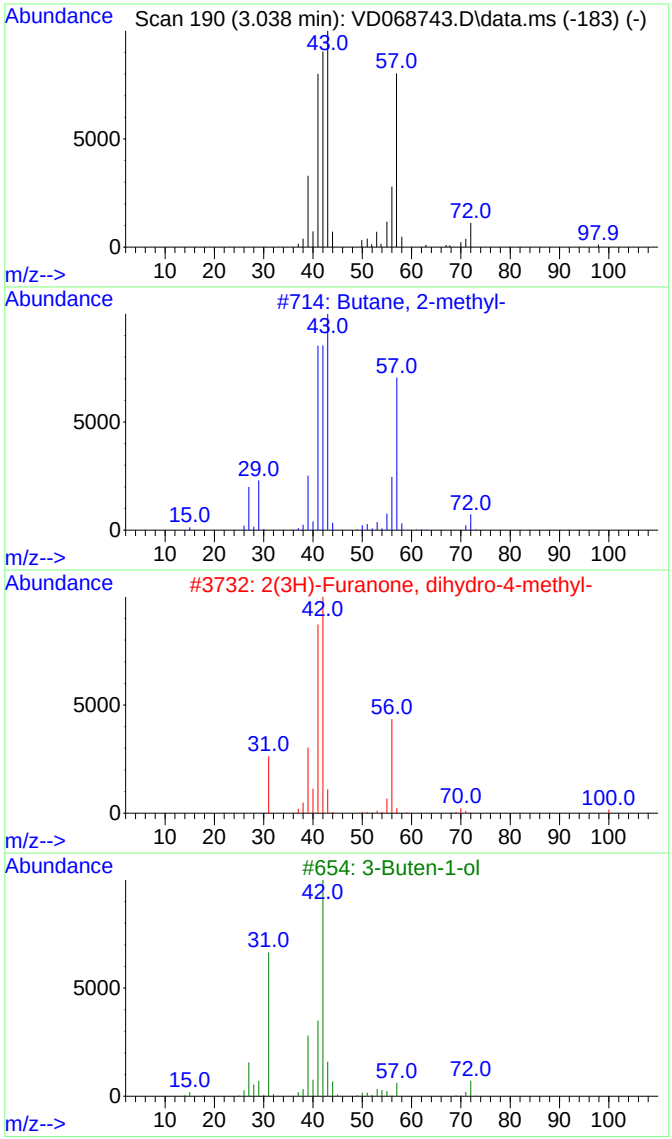
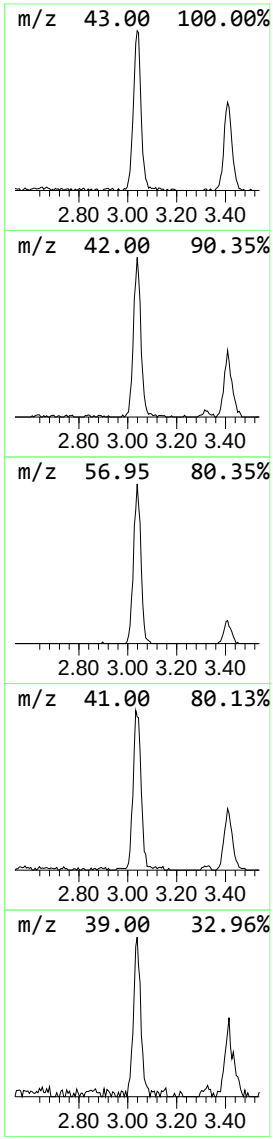
****
Peak Number 1 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.038	12.07 ug/l	236546	Pentafluorobenzene	7.985

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	40
3	3-Buten-1-ol	72	C4H8O	000627-27-0	37
4	1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	36
5	Pentane	72	C5H12	000109-66-0	33





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Instrument :
MSVOA_D
ClientSampleId :
B3-19-21

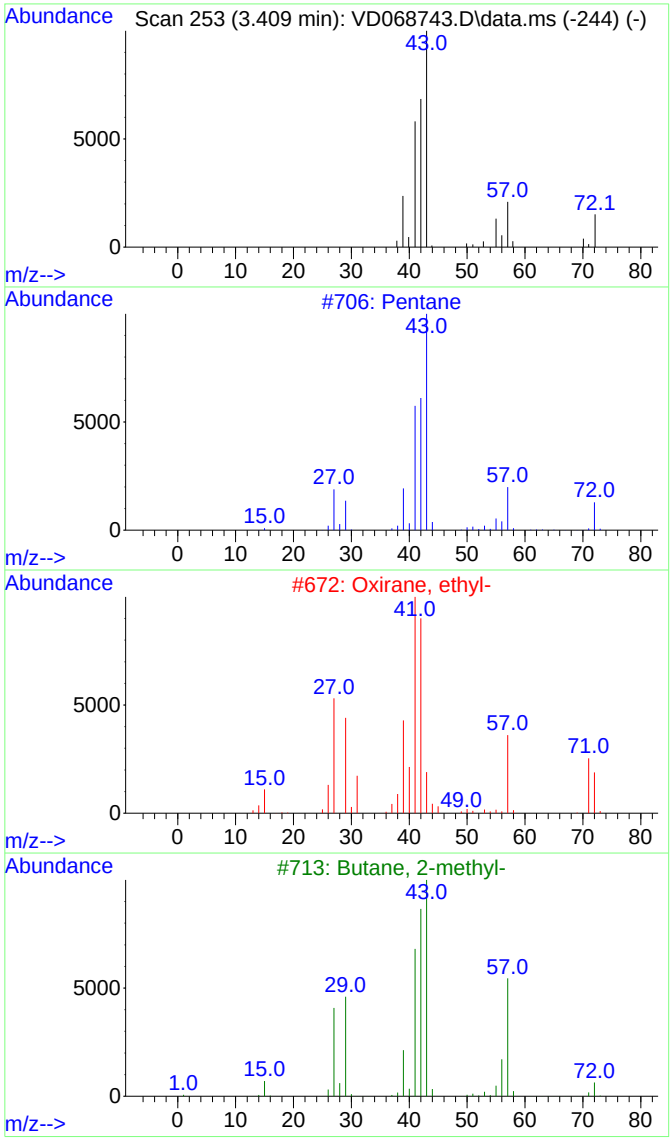
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

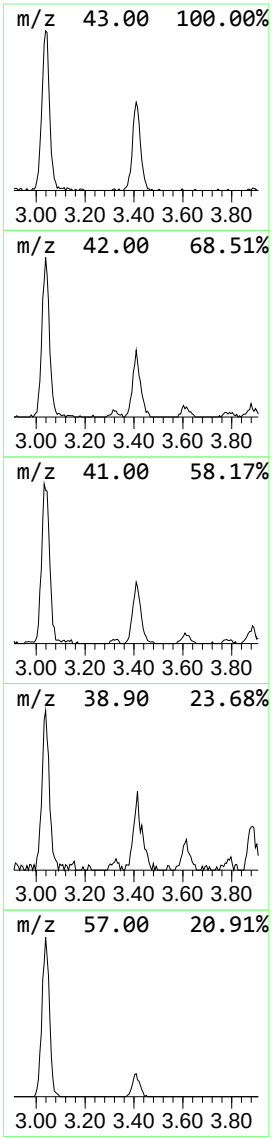
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.409	5.46 ug/l	107004	Pentafluorobenzene	7.985

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	47
3	Butane, 2-methyl-	72	C5H12	000078-78-4	39
4	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	37
5	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	9





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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
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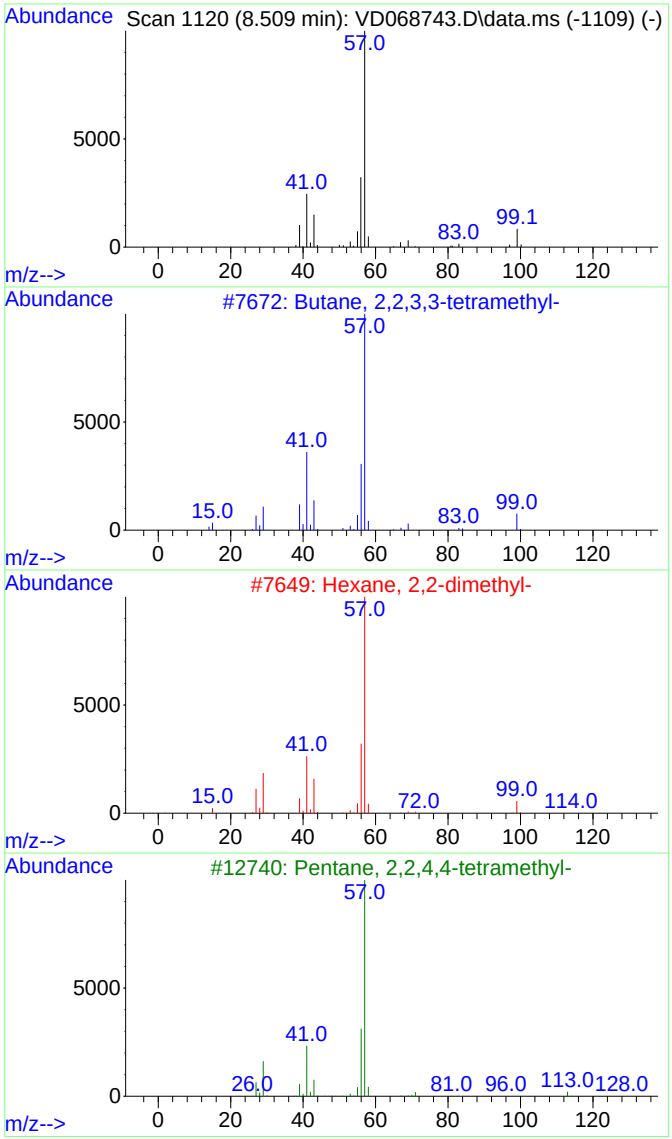
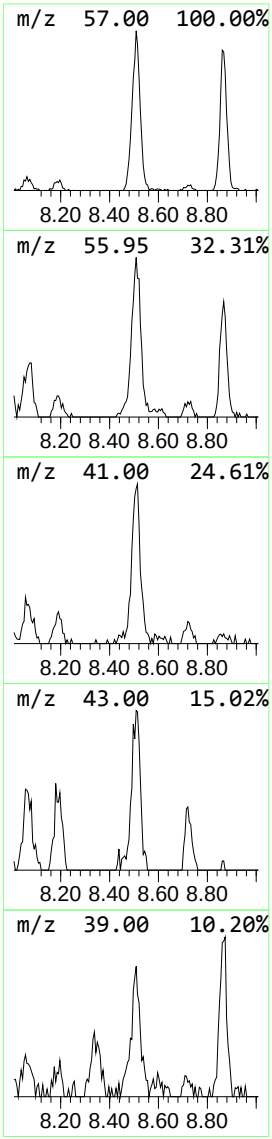
****
Peak Number 3 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.509	5.80 ug/l	147787	1,4-Difluorobenzene	8.867

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	53
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	3.038	12.1	ug/l	236546	1	7.985	979595	50.0
Pentane	3.409	5.5	ug/l	107004	1	7.985	979595	50.0
Butane, 2,2,3,3...	8.509	5.8	ug/l	147787	2	8.867	1274020	50.0