LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027731.D
Acq On : 02 Sep 2022 18:38
Operator : SY/MD
Sample : N4418-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBVD5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\Method\SFAMVTR083122WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV027731.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.311	73	84	106	rBV2	324751	404522	19.30%	5.472%
2	1.568	156	164	176	rBV	86683	103903	4.96%	1.405%
3	2.108	321	332	357	rVB	181488	274612	13.10%	3.714%
4	3.905	872	891	926	rBV	814356	2096333	100.00%	28.355%
5	4.346	1012	1028	1059	rVB	119729	306497	14.62%	4.146%
6	5.044	1228	1245	1272	rBV4	241914	628658	29.99%	8.503%
7	5.616	1407	1423	1455	rBV	140652	305321	14.56%	4.130%
8	6.066	1550	1563	1593	rBV	139270	301019	14.36%	4.072%
9	6.986	1839	1849	1872	rBV2	55815	109628	5.23%	1.483%
10	7.314	1939	1951	1968	rBV	266182	475681	22.69%	6.434%
11	7.394	1969	1976	1992	rVB	19472	37407	1.78%	0.506%
12	7.622	2038	2047	2065	rBV	34350	64194	3.06%	0.868%
13	8.092	2181	2193	2213	rBV	185422	453076	21.61%	6.128%
14	8.185	2214	2222	2237	rVB2	108445	199477	9.52%	2.698%
15	8.317	2251	2263	2284	rVB2	105450	201188	9.60%	2.721%
16	8.850	2418	2429	2457	rBV	219187	375903	17.93%	5.084%
17	9.143	2511	2520	2536	rBV	37663	63835	3.05%	0.863%
18	10.214	2842	2853	2870	rBV	92787	151821	7.24%	2.054%
19	11.246	3163	3174	3184	rBV	198581	329601	15.72%	4.458%
20	11.529	3250	3262	3280	rBV	52991	95509	4.56%	1.292%
21	11.622	3280	3291	3309	rVB	255130	415062	19.80%	5.614%

Sum of corrected areas: 7393247

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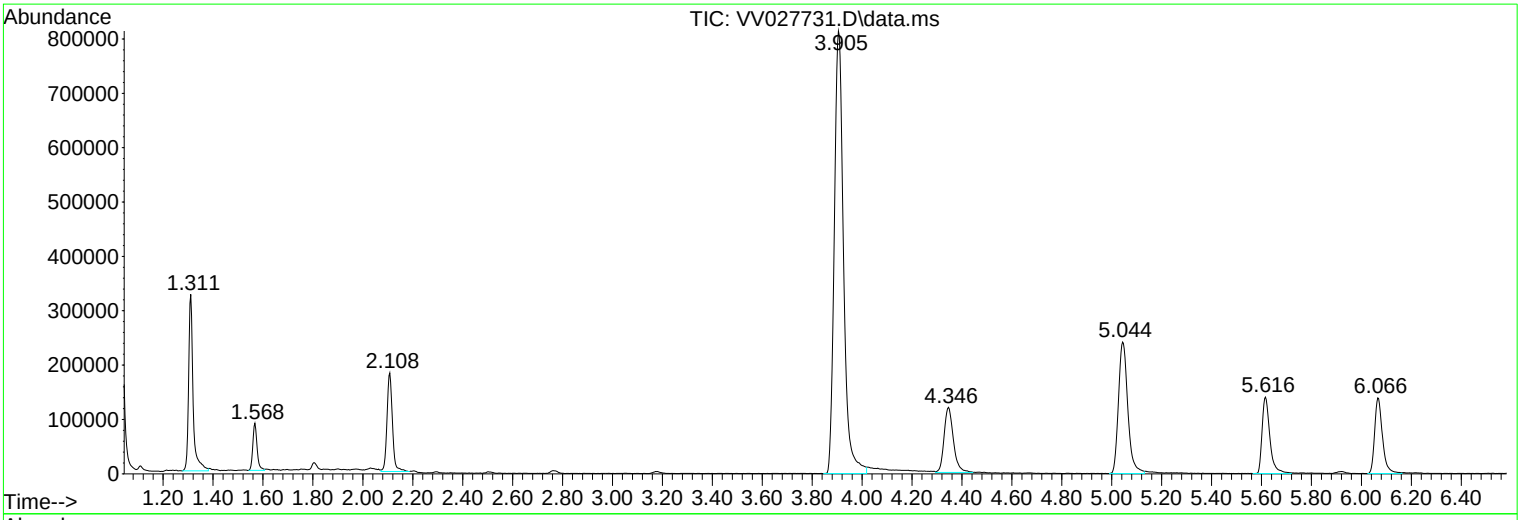
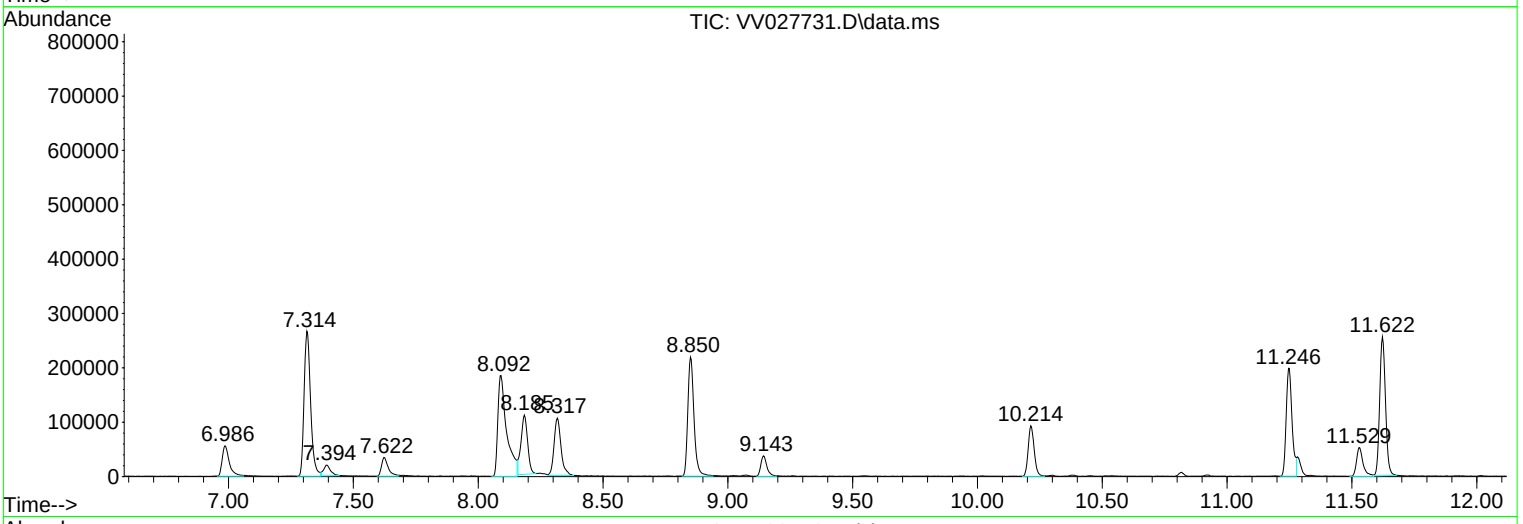
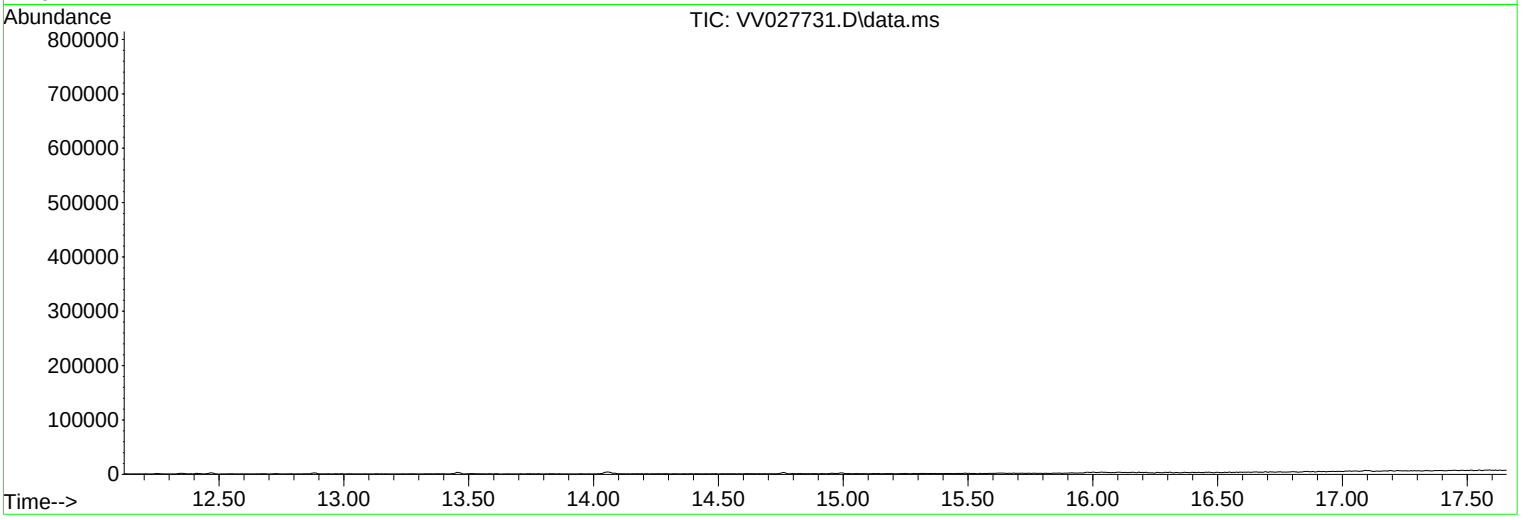
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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Quant Title : TRACE VOA SFAM1.0

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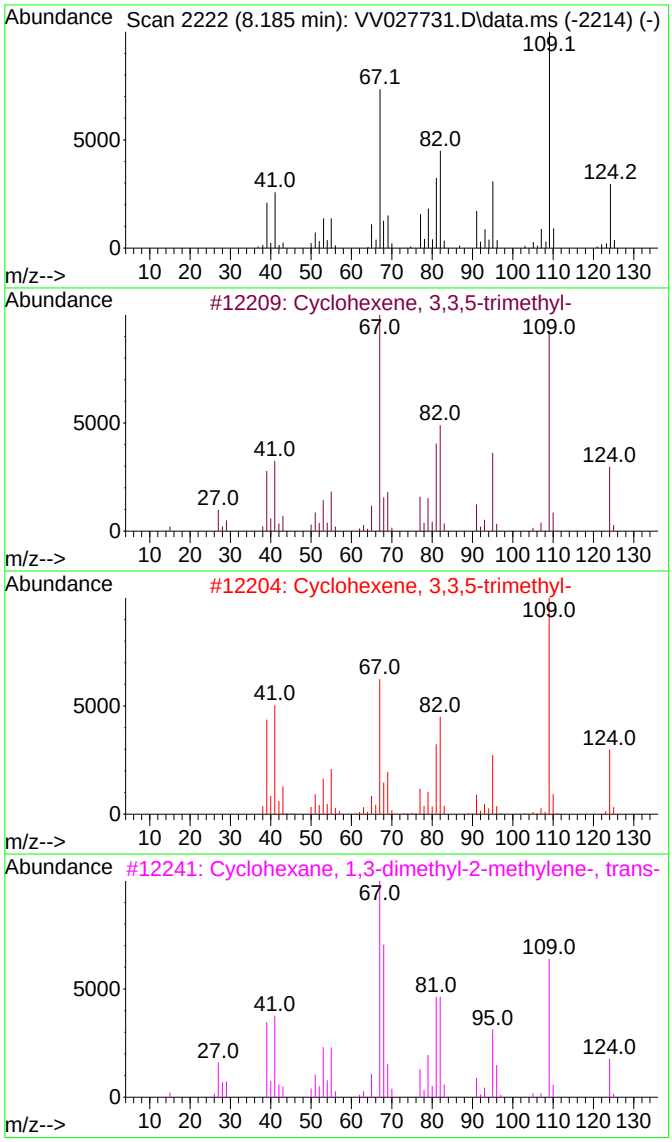
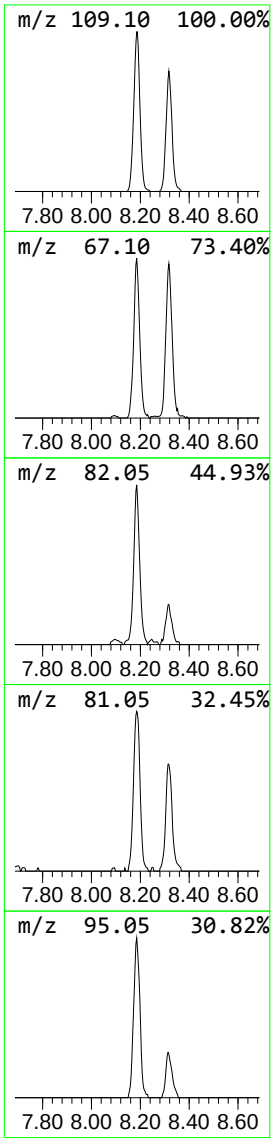
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexene, 3,3,5-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.185	2.65 ug/L	199477	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	95
2	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	94
3	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	93
4	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	91
5	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	87





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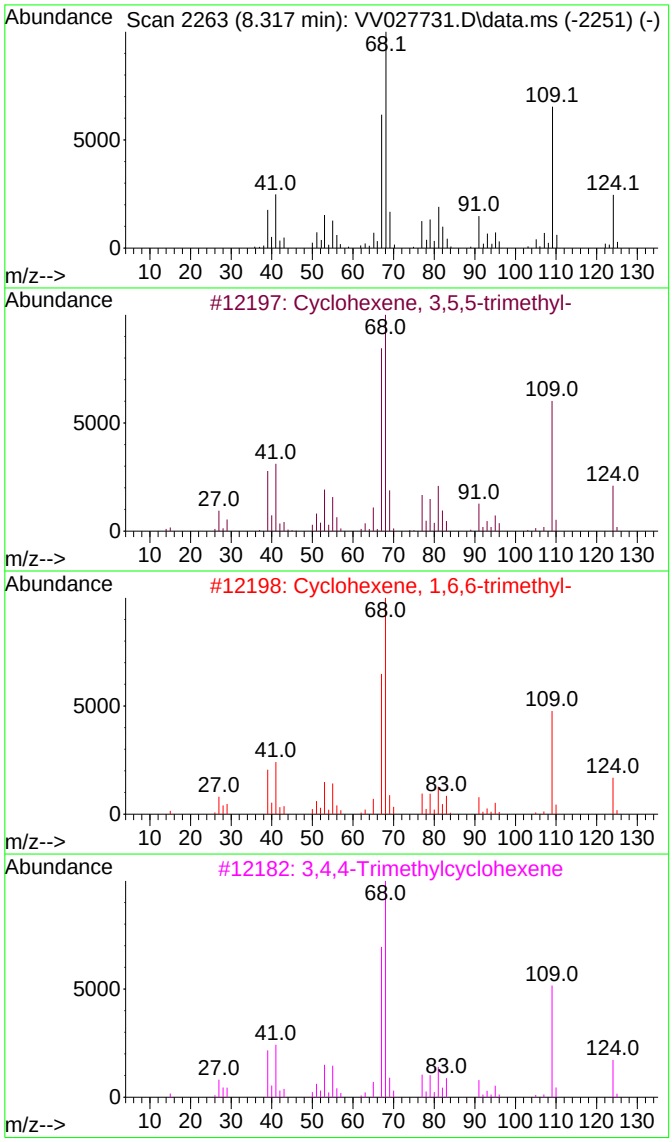
Quant Title : TRACE VOA SFAM1.0

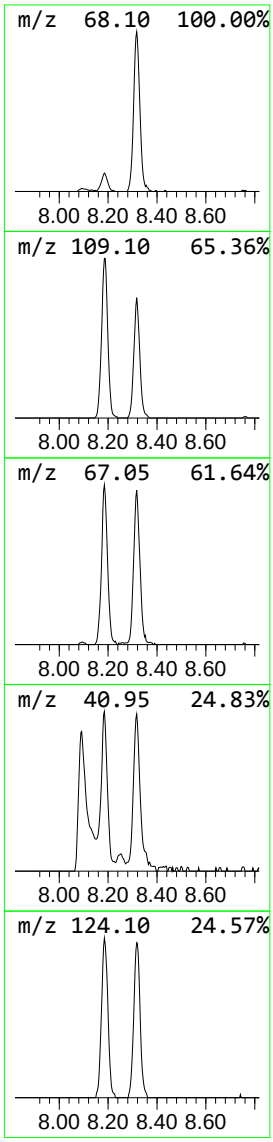
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexene, 3,5,5-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.317	2.68 ug/L	201188	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	97
2	Cyclohexene, 1,6,6-trimethyl-	124	C9H16	069745-49-9	94
3	3,4,4-Trimethylcyclohexene	124	C9H16	1000113-50-1	93
4	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	83
5	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	60





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

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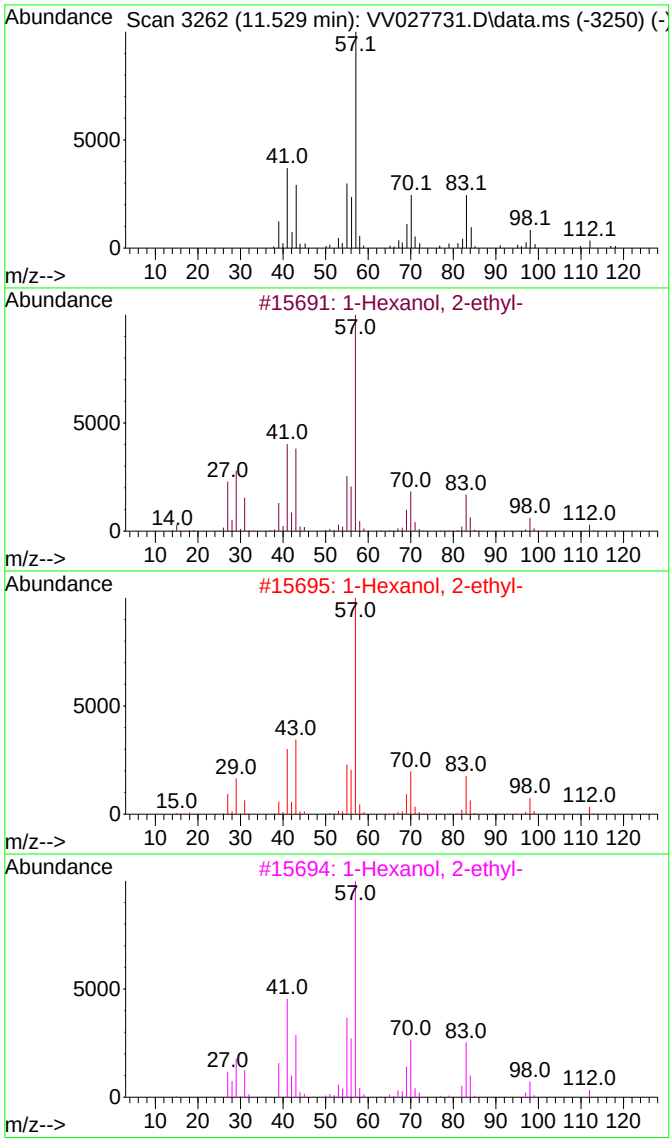
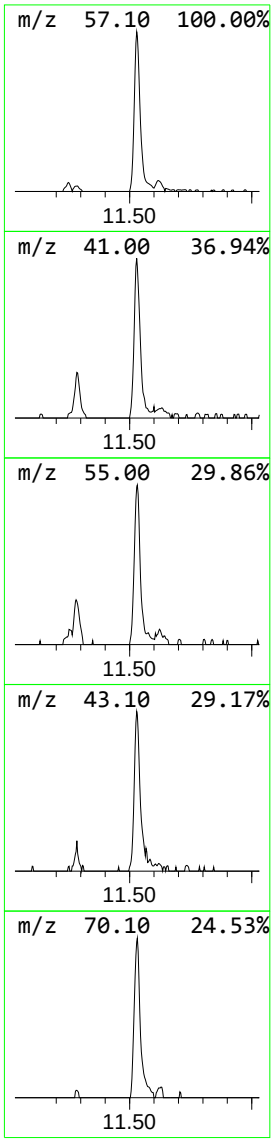
****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	1.45 ug/L	95509	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexene, 3,...	8.185	2.6	ug/L	199477	2	8.850	375903	5.0
Cyclohexene, 3,...	8.317	2.7	ug/L	201188	2	8.850	375903	5.0
1-Hexanol, 2-et...	11.529	1.5	ug/L	95509	3	11.249	329601	5.0