LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027685.D
Acq On : 01 Sep 2022 22:39
Operator : SY/MD
Sample : N4400-07DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBVA4DL

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: VV027685.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	74	83	102	rBV2	107294	129583	18.76%	2.429%
2	1.568	156	164	176	rBV	88861	104680	15.16%	1.962%
3	2.108	321	332	345	rBV	181962	264229	38.26%	4.952%
4	2.291	382	389	401	rVB	6775	10489	1.52%	0.197%
5	2.506	444	456	467	rBV2	6466	11128	1.61%	0.209%
6	2.767	523	537	559	rBV	59389	129742	18.79%	2.432%
7	3.288	686	699	715	rBV4	19897	47688	6.91%	0.894%
8	3.905	870	891	922	rBV3	137321	456087	66.04%	8.548%
9	4.346	1009	1028	1051	rBV	124162	314688	45.57%	5.898%
10	5.043	1227	1245	1279	rBV2	259739	690617	100.00%	12.944%
11	5.612	1410	1422	1447	rBV2	139894	300876	43.57%	5.639%
12	5.911	1503	1515	1532	rBV8	9003	21604	3.13%	0.405%
13	6.066	1546	1563	1593	rBV	152216	333853	48.34%	6.257%
14	6.985	1839	1849	1876	rBV2	58281	115013	16.65%	2.156%
15	7.313	1938	1951	1971	rBV	268091	495494	71.75%	9.287%
16	7.622	2037	2047	2067	rBV2	34744	67837	9.82%	1.271%
17	8.091	2181	2193	2214	rBV2	190141	477978	69.21%	8.959%
18	8.185	2218	2222	2239	rVB4	32524	53120	7.69%	0.996%
19	8.316	2253	2263	2280	rVB4	24729	47282	6.85%	0.886%
20	8.850	2418	2429	2448	rBV	222609	376000	54.44%	7.047%
21	10.214	2842	2853	2871	rBV	96828	156578	22.67%	2.935%
22	11.249	3165	3175	3197	rBV	189154	325285	47.10%	6.097%
23	11.622	3277	3291	3307	rBV	238254	383967	55.60%	7.197%
24	15.911	4609	4625	4626	rBV10	12792	21577	3.12%	0.404%

Sum of corrected areas: 5335395

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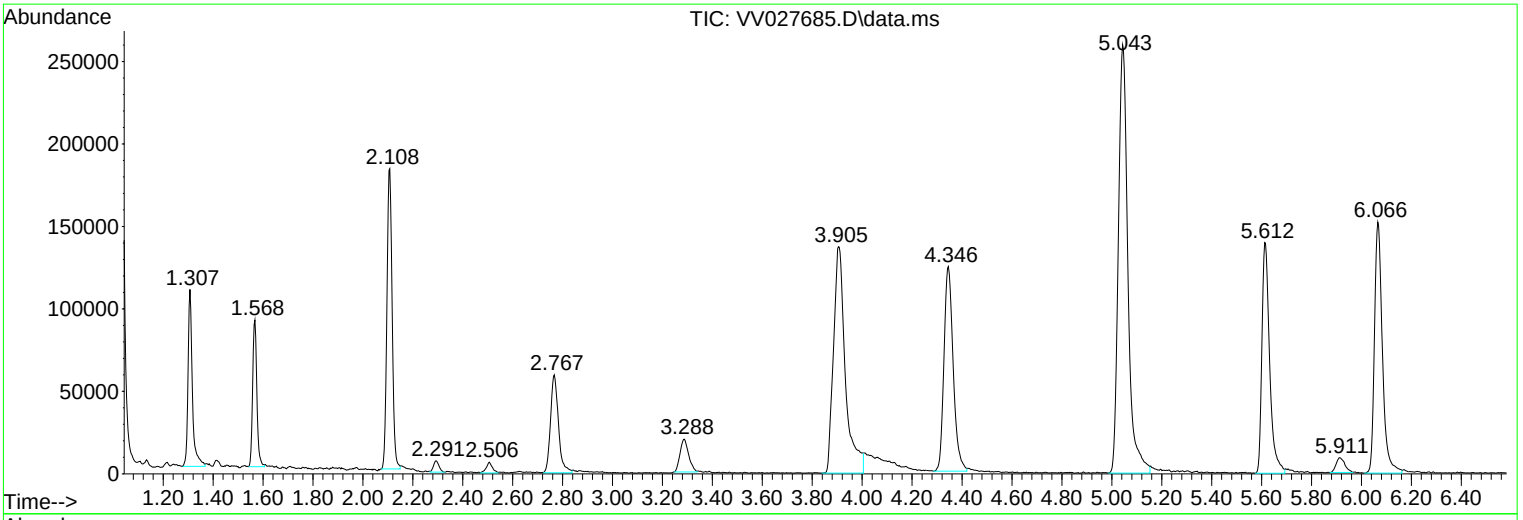
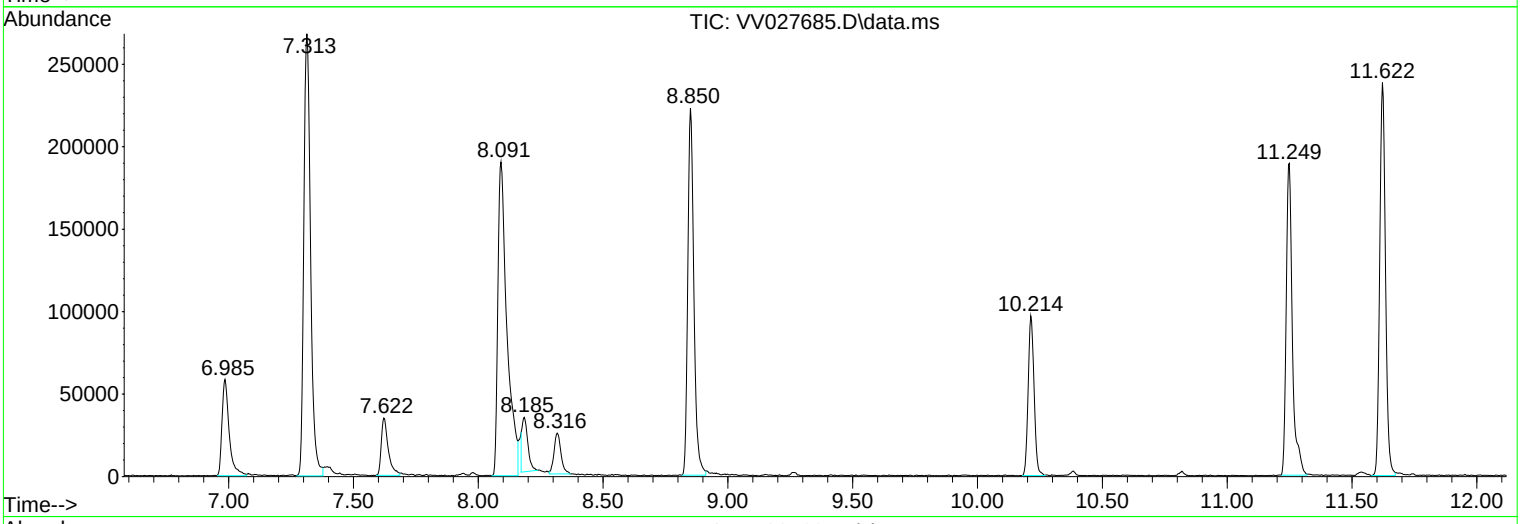
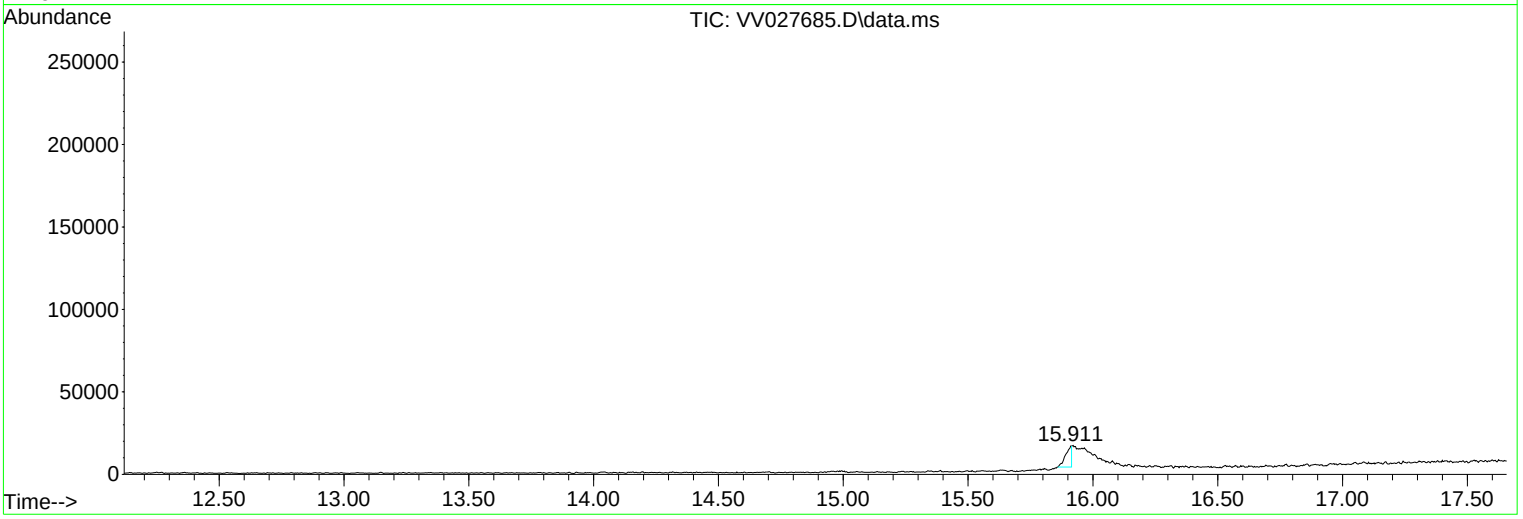
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0

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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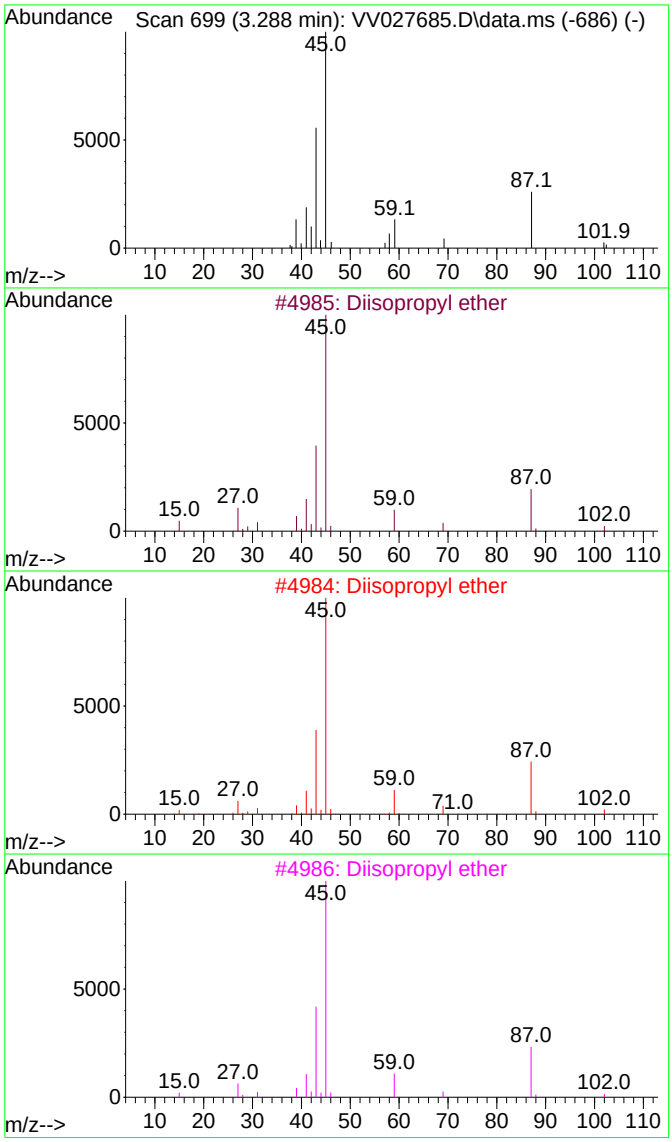
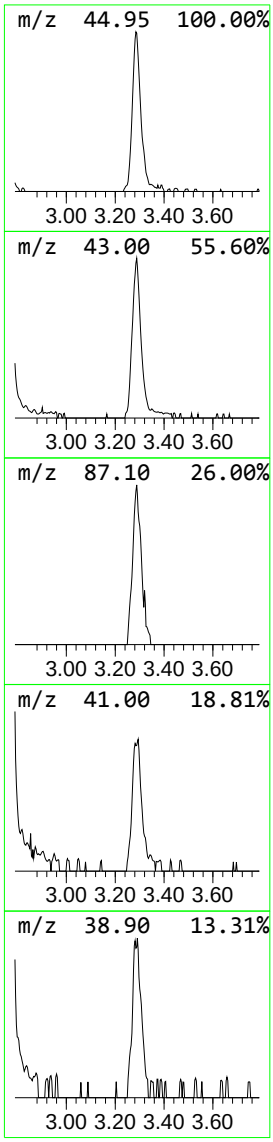
****
Peak Number 1 Diisopropyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.288	0.79 ug/L	47688	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	87
2	Diisopropyl ether	102	C6H14O	000108-20-3	86
3	Diisopropyl ether	102	C6H14O	000108-20-3	78
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	72
5	Diisopropyl ether	102	C6H14O	000108-20-3	72





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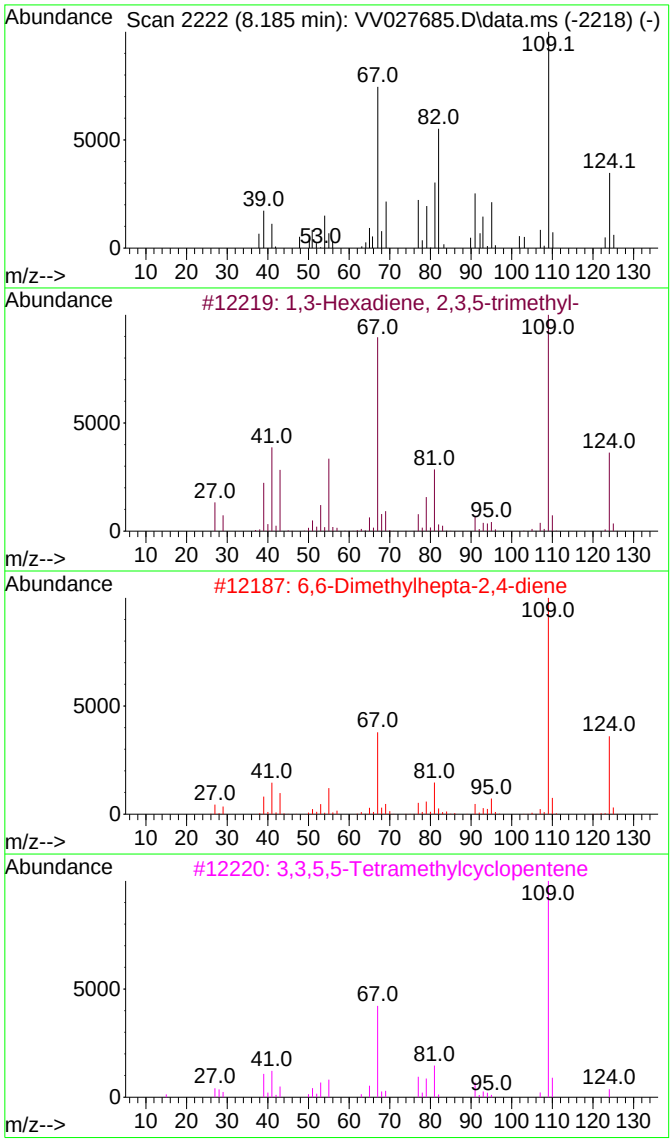
Quant Title : TRACE VOA SFAM1.0

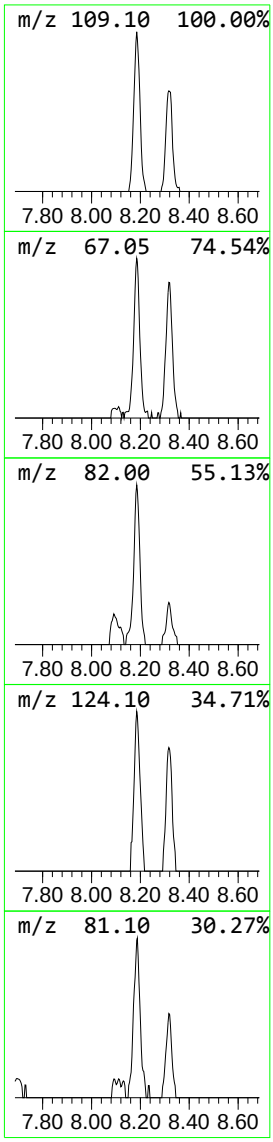
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,3-Hexadiene, 2,3,5-trimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.185	0.71 ug/L	53120	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexadiene, 2,3,5-trimethyl-	124	C9H16	061142-34-5	58
2	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	50
3	3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	50
4	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	47
5	2,4-Hexadiene	82	C6H10	000592-46-1	30





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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

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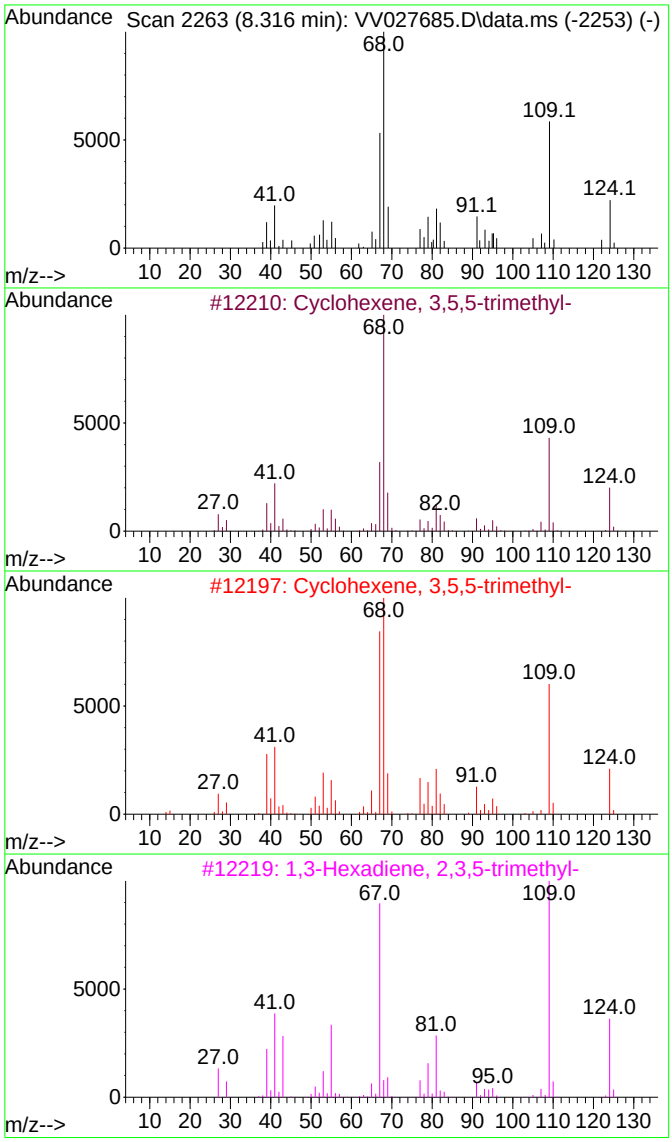
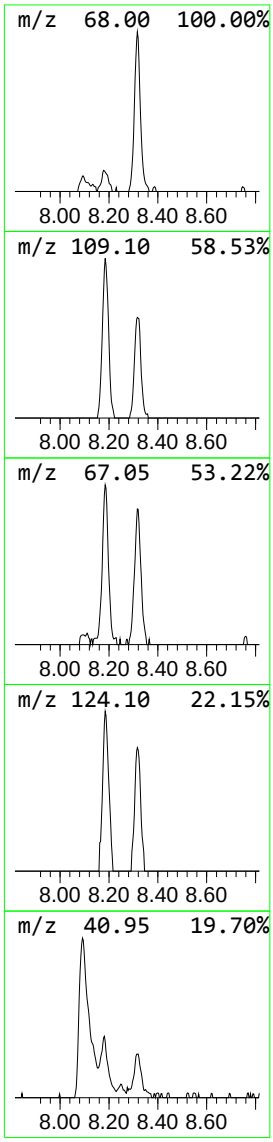
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexene, 3,5,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.316	0.63 ug/L	47282	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	81
2	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	58
3	1,3-Hexadiene, 2,3,5-trimethyl-	124	C9H16	061142-34-5	50
4	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	46
5	2,4-Heptadiene, 2,4-dimethyl-	124	C9H16	074421-05-9	45





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
Diisopropyl ether	3.288	0.8	ug/L	47688	1	5.616	300876	5.0
1,3-Hexadiene, ...	8.185	0.7	ug/L	53120	2	8.850	376000	5.0
Cyclohexene, 3,...	8.316	0.6	ug/L	47282	2	8.850	376000	5.0