LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
Data File : VX004705.D
Acq On : 19 Sep 2018 14:59
Operator : JC/MD
Sample : J4939-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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_X\METHOD\82X091118W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.404	38	41	45	rVV	18975	17895	1.52%	0.264%
2	1.446	45	48	52	rVB	13912	14685	1.25%	0.216%
3	1.696	84	89	97	rVB	27615	43618	3.70%	0.643%
4	2.190	163	170	179	rVB	89732	149958	12.72%	2.209%
5	2.373	194	200	208	rBV	127497	200175	16.98%	2.949%
6	2.611	234	239	248	rVB	18142	34259	2.91%	0.505%
7	3.690	408	416	429	rVB	18102	44540	3.78%	0.656%
8	4.592	555	564	576	rBV3	14438	39974	3.39%	0.589%
9	5.507	701	714	728	rBV2	150659	429348	36.42%	6.326%
10	5.659	728	739	758	rVB	224143	608426	51.61%	8.964%
11	6.074	794	807	824	rBV	148103	399675	33.90%	5.889%
12	6.860	926	936	955	rBV	325333	777352	65.94%	11.453%
13	7.262	994	1002	1012	rVB	13874	30068	2.55%	0.443%
14	8.043	1124	1130	1139	rVB	44673	79385	6.73%	1.170%
15	8.720	1233	1241	1257	rBV	734948	1178834	100.00%	17.369%
16	9.793	1411	1417	1426	rVB	71402	97560	8.28%	1.437%
17	10.116	1464	1470	1485	rVV	650824	880225	74.67%	12.969%
18	11.140	1632	1638	1646	rBV	636483	801658	68.00%	11.812%
19	12.079	1787	1792	1802	rBV	790783	959456	81.39%	14.136%

Sum of corrected areas: 6787091

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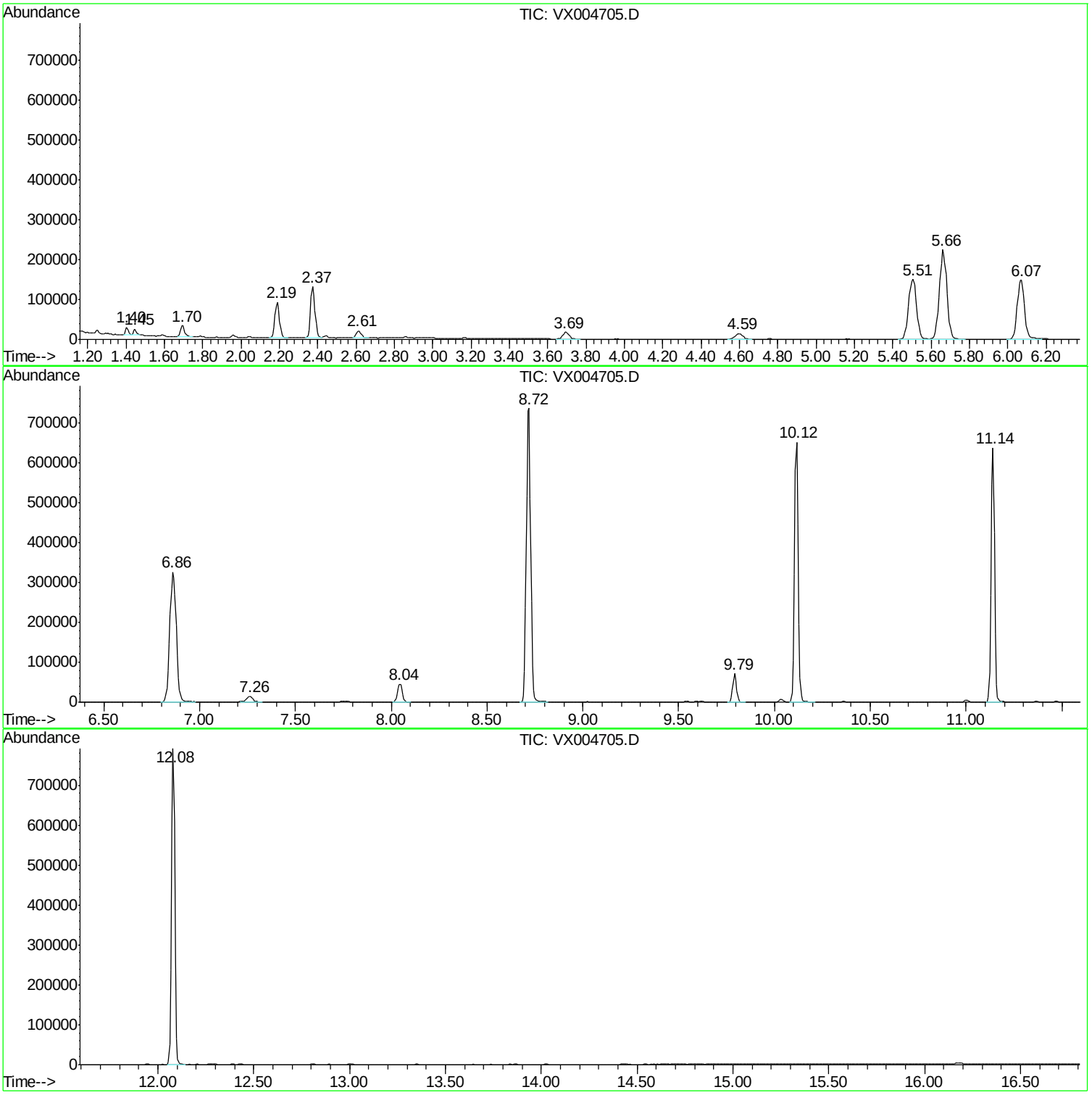
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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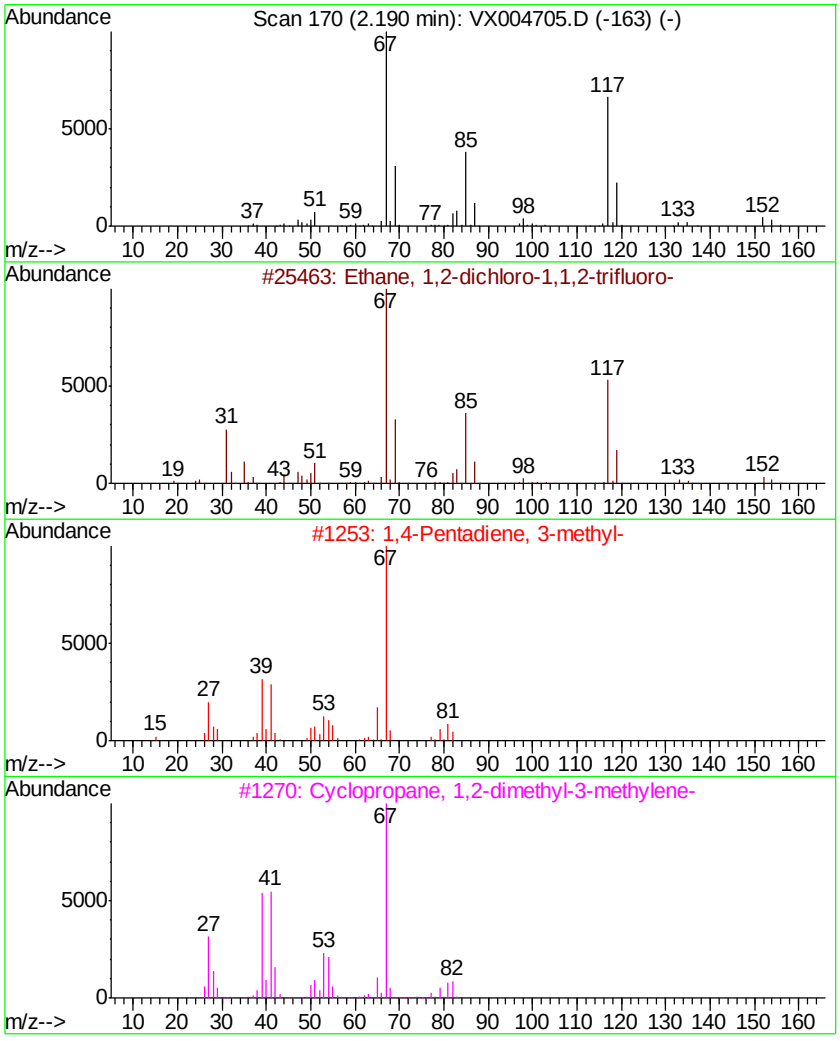
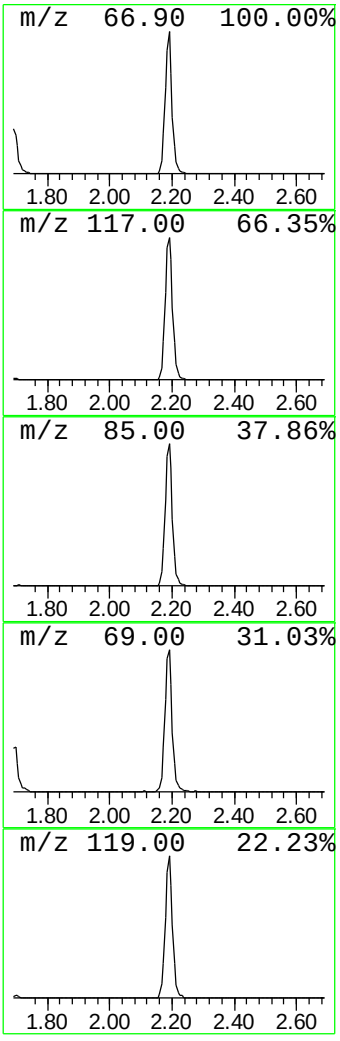
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	12.32 ug/l	149958	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	91
2	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	9
3	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	9
4	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
5	Carbon Tetrachloride	152	CCl4	000056-23-5	9





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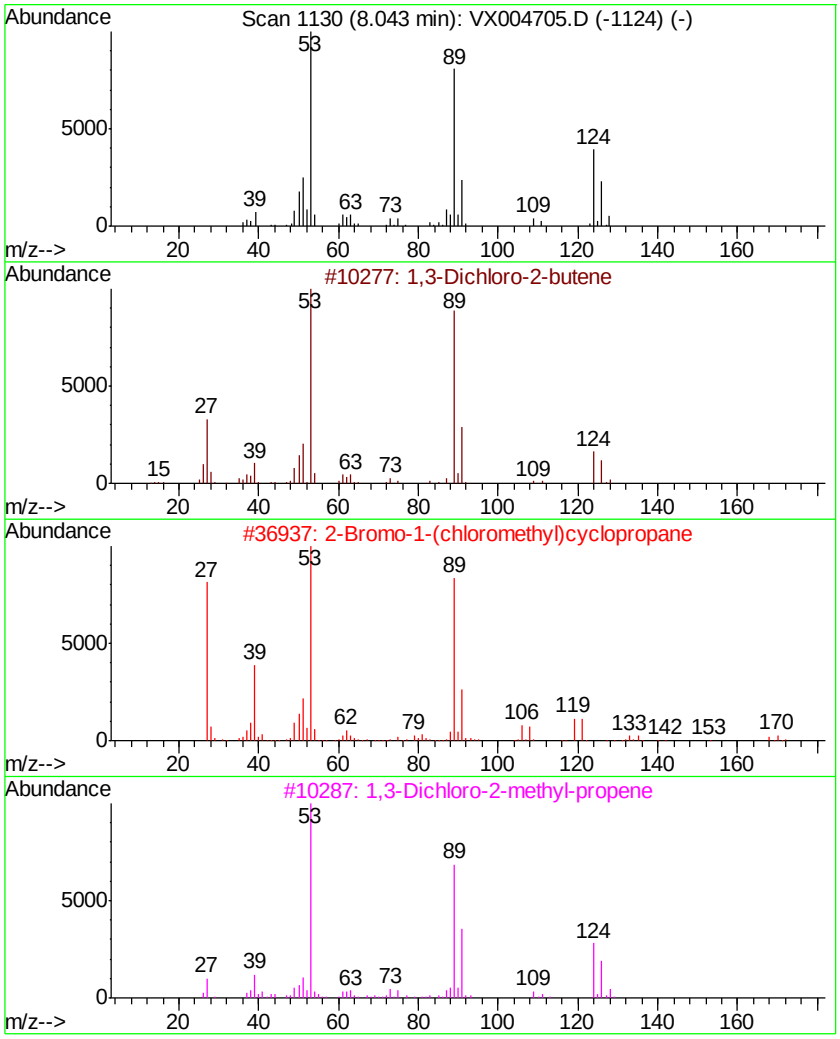
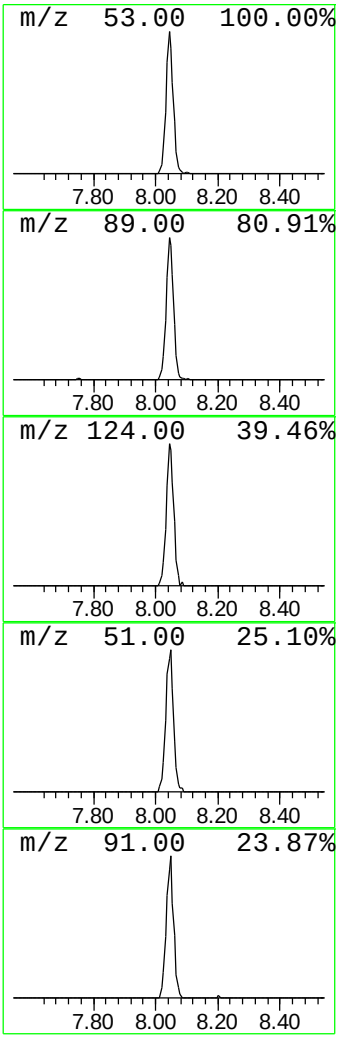
****

Peak Number 2 1,3-Dichloro-2-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	5.11 ug/l	79385	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	78
2	2-Bromo-1-(chloromethyl)cyclopro...	168	C4H6BrCl	1000222-15-8	78
3	1,3-Dichloro-2-methyl-propene	124	C4H6Cl2	1000194-02-2	46
4	Thiopropionamide	89	C3H7NS	000631-58-3	27
5	1,3-Butadiene, 2-chloro-	88	C4H5Cl	000126-99-8	25





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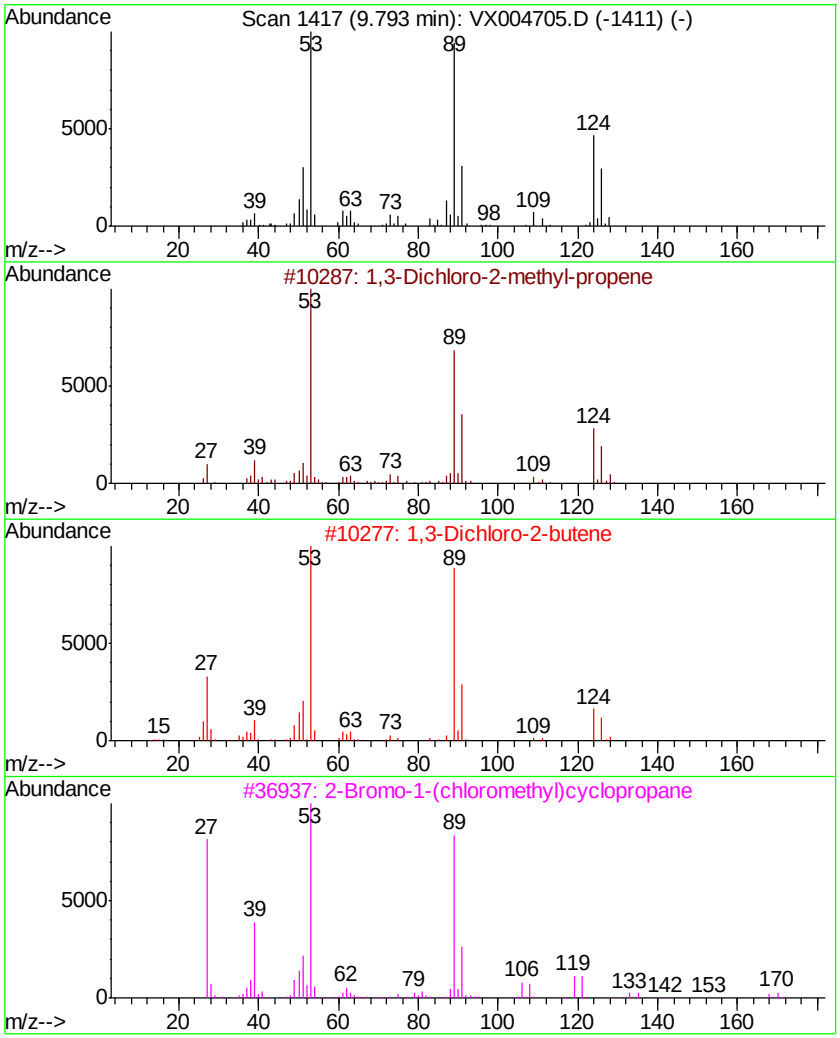
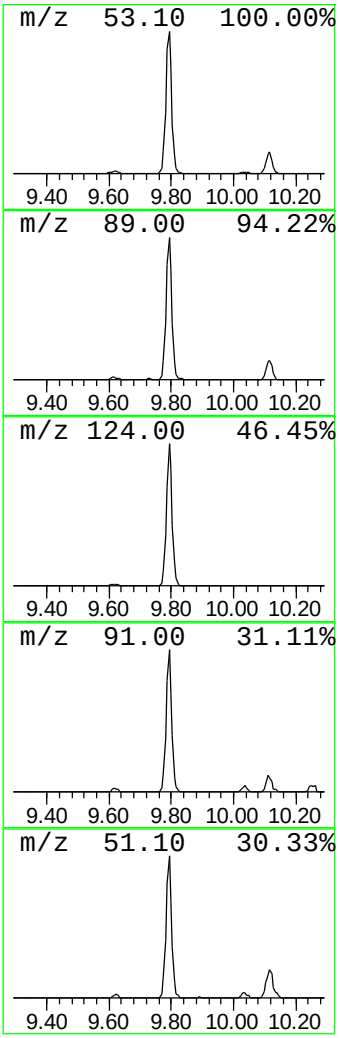
****

Peak Number 3 1,3-Dichloro-2-methyl-propene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	5.54 ug/l	97560	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dichloro-2-methyl-propene	124	C4H6Cl2	1000194-02-2	90
2	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	78
3	2-Bromo-1-(chloromethyl)cyclopro...	168	C4H6BrCl	1000222-15-8	72
4	2H-Pyran-2-one, 4,6-dimethyl-	124	C7H8O2	000675-09-2	32
5	Thiopropionamide	89	C3H7NS	000631-58-3	27





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,2-dichl...	2.19	12.3	ug/l	149958	1	5.66	608426	50.0
1,3-Dichloro-2-bu...	8.04	5.1	ug/l	79385	2	6.86	777352	50.0
1,3-Dichloro-2-me...	9.79	5.5	ug/l	97560	3	10.12	880225	50.0