

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005573.D
 Acq On : 06 Aug 2021 16:12
 Operator : SY/MD
 Sample : M3305-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SA-01-080521

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\82Y080221S.M

Title : SW846 8260

Signal : TIC: VY005573.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.058	34	39	47	rBV	20451	39808	2.56%	0.425%
2	4.729	466	477	493	rBV2	46122	146769	9.42%	1.568%
3	5.759	632	646	658	rBV2	18812	58358	3.75%	0.624%
4	7.728	958	969	974	rBV	203683	472292	30.32%	5.047%
5	7.795	974	980	994	rVB	331076	755063	48.48%	8.068%
6	8.149	1029	1038	1050	rBV	201948	437731	28.11%	4.677%
7	8.697	1119	1128	1141	rVB	562606	1077627	69.19%	11.515%
8	10.185	1364	1372	1381	rBV	917425	1557464	100.00%	16.642%
9	11.490	1579	1586	1597	rBV	855219	1399887	89.88%	14.958%
10	12.483	1742	1749	1757	rBV	740996	1138567	73.10%	12.166%
11	13.428	1897	1904	1911	rBV	926746	1422525	91.34%	15.200%
12	14.270	2030	2042	2058	rVB2	116203	428679	27.52%	4.581%
13	14.952	2145	2154	2166	rVB	82329	230904	14.83%	2.467%
14	15.251	2193	2203	2213	rBV4	52724	192821	12.38%	2.060%

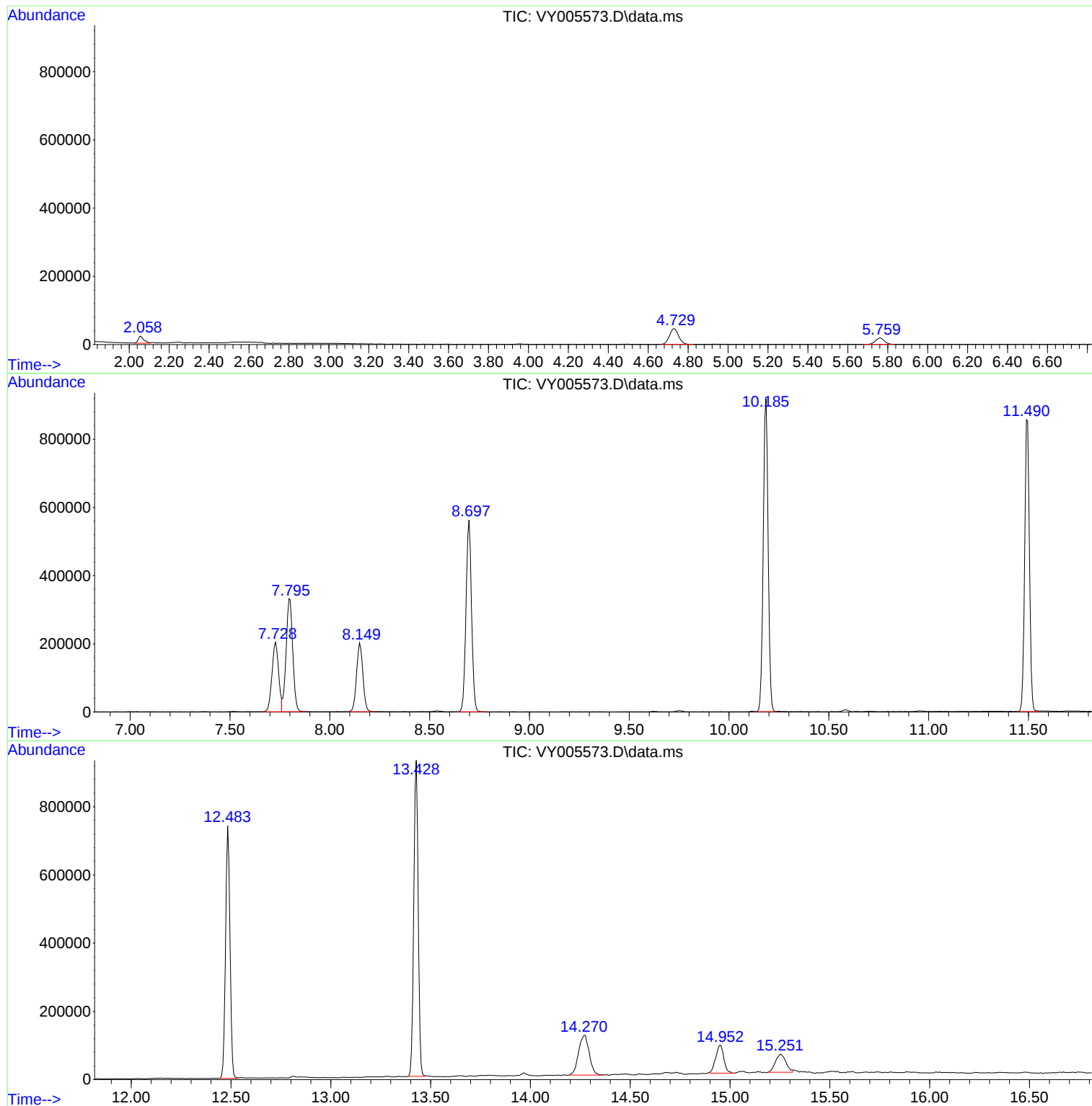
Sum of corrected areas: 9358495

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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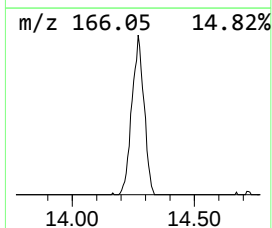
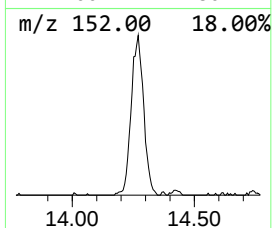
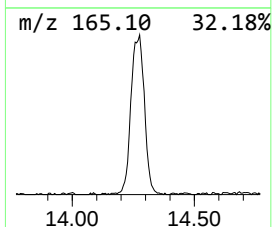
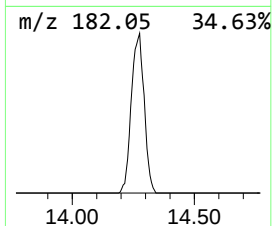
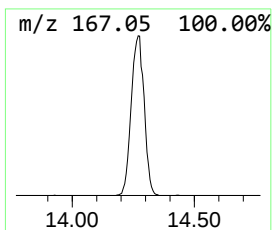
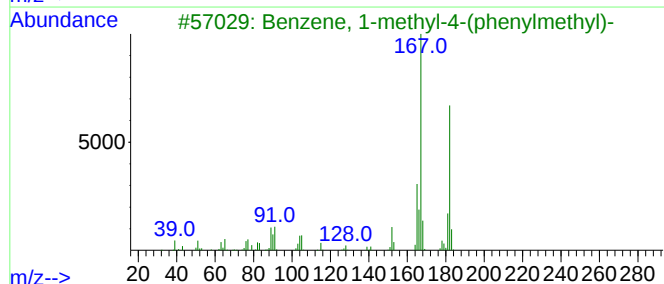
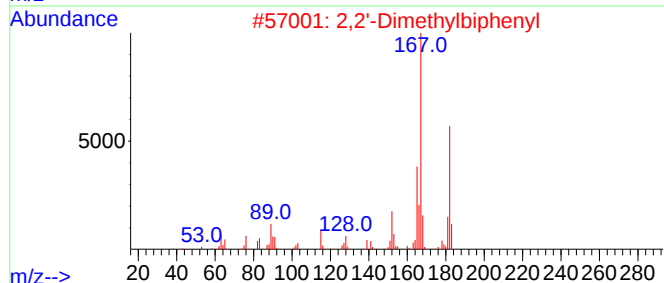
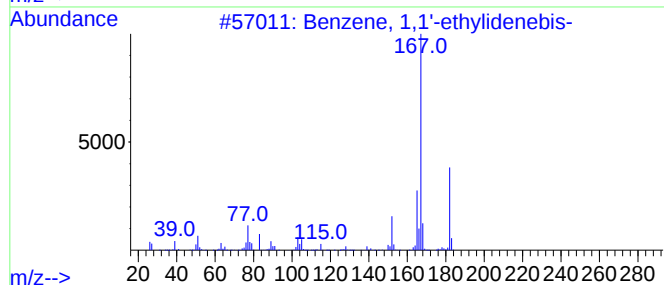
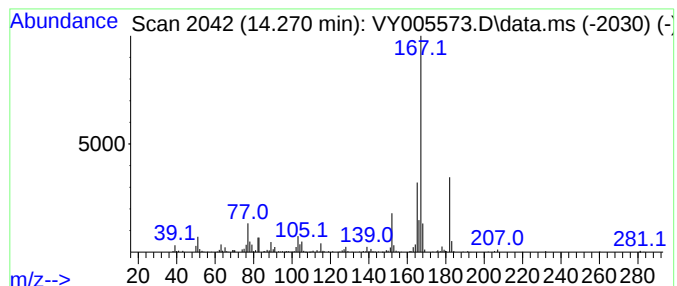
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1,1'-ethylidenebis- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.270	15.07 ug/l	428679	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	96
2			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	91
3			Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	83
4			Benzenepropanenitrile, .beta.-ph...	207	C15H13N	002286-54-6	81
5			4-Ethylbiphenyl	182	C14H14	005707-44-8	81



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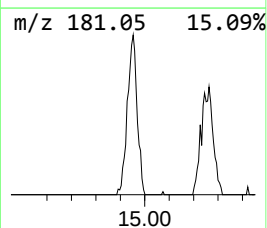
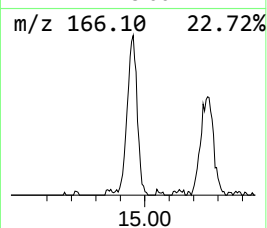
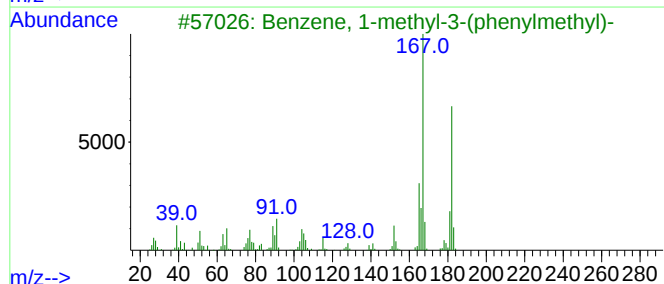
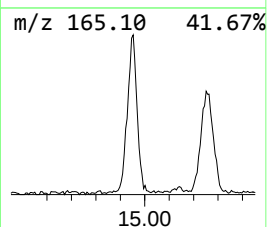
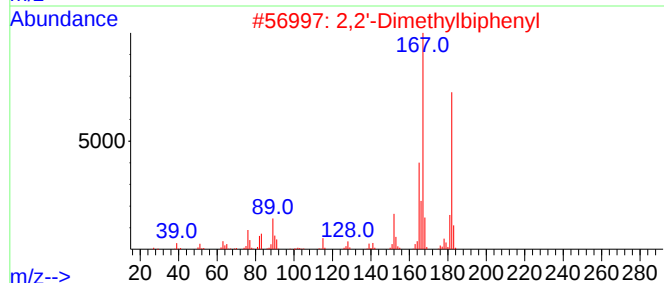
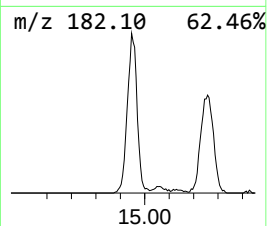
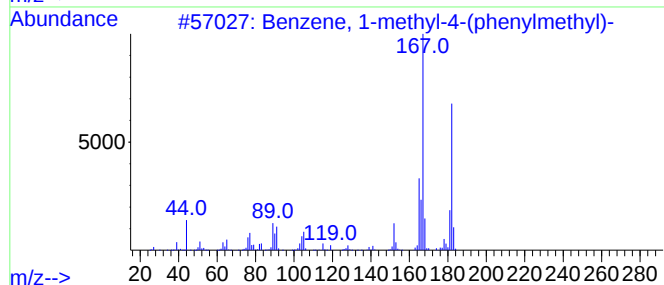
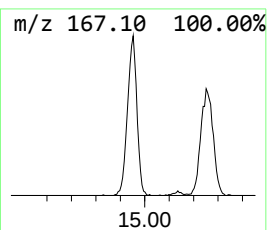
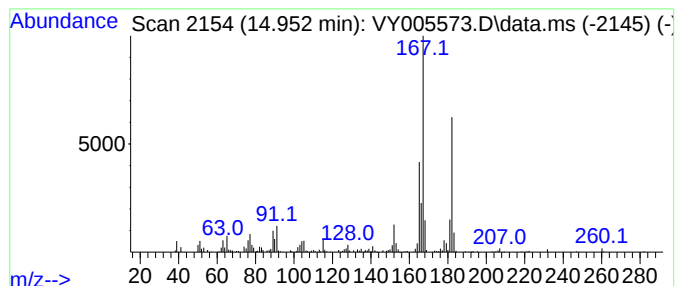
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Peak Number 2 Benzene, 1-methyl-4-(phenyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	8.12 ug/l	230904	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	97
2			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	94
3			Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	93
4			1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	91
5			1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	86



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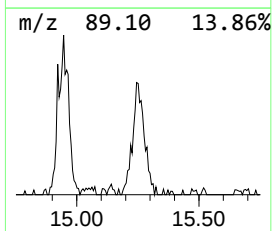
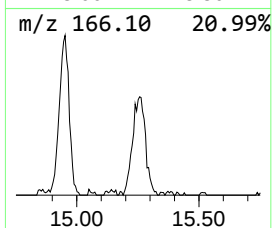
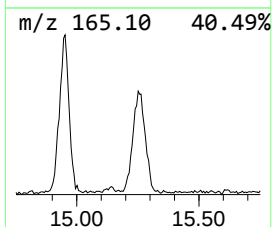
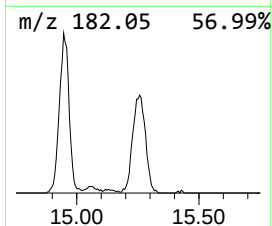
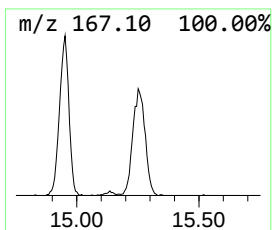
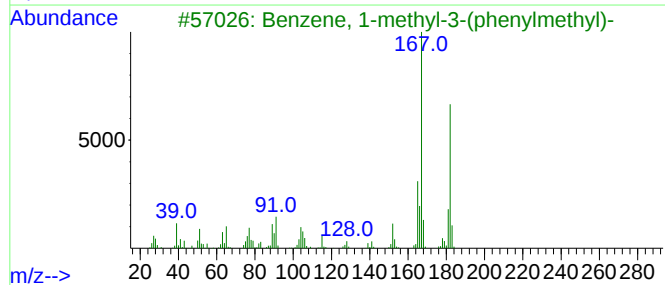
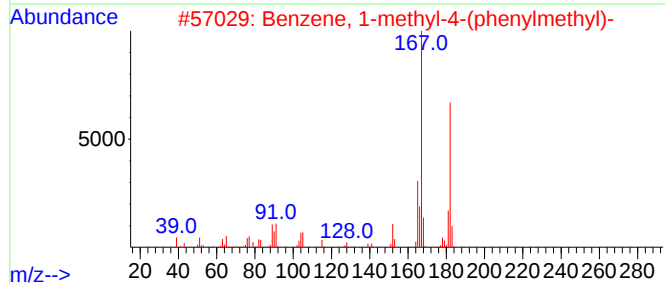
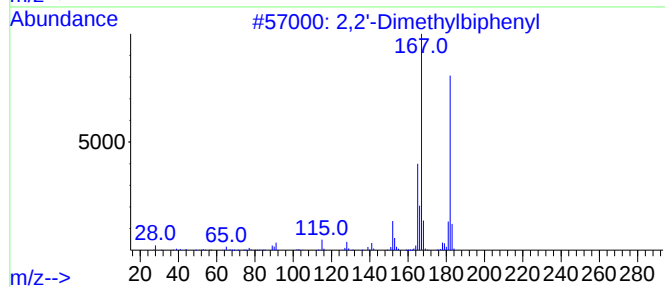
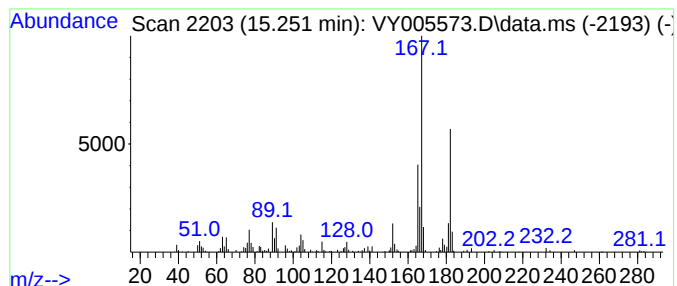
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Peak Number 3 2,2'-Dimethylbiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.251	6.78 ug/l	192821	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	97
2			Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	97
3			Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	94
4			1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	94
5			1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	91



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,1'-e...	14.270	15.1	ug/l	428679	4	13.428	1422530	50.0
Benzene, 1-meth...	14.952	8.1	ug/l	230904	4	13.428	1422530	50.0
2,2'-Dimethylbi...	15.251	6.8	ug/l	192821	4	13.428	1422530	50.0