LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046233.D
Acq On : 09 Dec 2021 20:20
Operator : SY/MD
Sample : M4983-21
Misc : 5.8mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5S2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_U\Method\SFAMULM112921WMA.M
Title : VOC Analysis

Signal : TIC: VU046233.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	74	82	92	rBV	102713	113176	15.45%	1.608%
2	1.919	172	180	198	rVB2	75434	150193	20.51%	2.134%
3	2.575	371	384	404	rBV	158278	264860	36.17%	3.763%
4	3.192	574	576	583	rVB2	760	609	0.08%	0.009%
5	3.362	622	629	635	rBV5	1564	2545	0.35%	0.036%
6	3.488	663	668	675	rBV	362	523	0.07%	0.007%
7	3.530	675	681	685	rVB2	400	455	0.06%	0.006%
8	3.874	773	788	807	rVV2	45740	105679	14.43%	1.501%
9	4.128	863	867	872	rBV2	403	425	0.06%	0.006%
10	4.417	954	957	962	rVB	532	404	0.06%	0.006%
11	4.639	1008	1026	1054	rBV	67334	202318	27.63%	2.875%
12	5.067	1143	1159	1179	rVV	129111	291546	39.81%	4.142%
13	5.321	1224	1238	1254	rVB2	27454	60493	8.26%	0.859%
14	5.417	1264	1268	1277	rBV	350	467	0.06%	0.007%
15	5.729	1343	1365	1384	rBV2	269909	732324	100.00%	10.405%
16	6.028	1456	1458	1463	rBV2	410	399	0.05%	0.006%
17	6.253	1513	1528	1546	rBV	220805	419081	57.23%	5.954%
18	6.542	1608	1618	1627	rBV8	3852	7992	1.09%	0.114%
19	6.694	1651	1665	1680	rBV	167791	322563	44.05%	4.583%
20	7.185	1811	1818	1824	rVB2	531	719	0.10%	0.010%
21	7.372	1870	1876	1884	rBV	419	673	0.09%	0.010%
22	7.568	1925	1937	1953	rBV	97226	168204	22.97%	2.390%
23	7.899	2020	2040	2057	rBV	337772	590440	80.63%	8.389%
24	8.179	2116	2127	2142	rBV2	66720	111233	15.19%	1.580%
25	8.375	2185	2188	2195	rVB2	505	473	0.06%	0.007%
26	8.478	2215	2220	2226	rVB2	737	1010	0.14%	0.014%
27	8.552	2236	2243	2253	rVB5	5327	8367	1.14%	0.119%
28	8.636	2256	2269	2297	rBV	218711	397559	54.29%	5.649%
29	8.764	2305	2309	2313	rBV2	483	462	0.06%	0.007%
30	8.867	2332	2341	2350	rVV3	2660	4352	0.59%	0.062%
31	8.928	2352	2360	2366	rVB4	1388	2104	0.29%	0.030%
32	9.018	2381	2388	2392	rBV2	379	452	0.06%	0.006%
33	9.420	2499	2513	2533	rBV	332805	556244	75.96%	7.903%
34	9.574	2552	2561	2571	rVB	4789	6963	0.95%	0.099%
35	9.693	2594	2598	2600	rBV3	652	513	0.07%	0.007%
36	9.886	2654	2658	2662	rBV2	551	640	0.09%	0.009%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046233.D
Acq On : 09 Dec 2021 20:20
Operator : SY/MD
Sample : M4983-21
Misc : 5.8mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5S2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_U\Method\SFAMULM112921WMA.M
Title : VOC Analysis

37	10.021	2697	2700	2703	rBV2	537	451	0.06%	0.006%
38	10.099	2719	2724	2729	rBV3	972	1135	0.15%	0.016%
39	10.240	2763	2768	2770	rBV	880	777	0.11%	0.011%
40	10.275	2771	2779	2790	rVB5	6180	9412	1.29%	0.134%
41	10.362	2799	2806	2807	rBV2	1243	1147	0.16%	0.016%
42	10.488	2835	2845	2855	rVV3	4878	7173	0.98%	0.102%
43	10.674	2897	2903	2905	rVV3	1451	1681	0.23%	0.024%
44	10.700	2905	2911	2917	rVV5	2807	4266	0.58%	0.061%
45	10.758	2917	2929	2942	rVV	258628	407800	55.69%	5.794%
46	10.809	2942	2945	2955	rVB7	1881	2514	0.34%	0.036%
47	10.906	2962	2975	2985	rBV	21934	34690	4.74%	0.493%
48	10.999	2998	3004	3022	rVB3	4429	8781	1.20%	0.125%
49	11.089	3022	3032	3049	rVB	37682	58216	7.95%	0.827%
50	11.295	3085	3096	3108	rBV	39662	62549	8.54%	0.889%
51	11.359	3112	3116	3119	rBV	359	389	0.05%	0.006%
52	11.414	3128	3133	3138	rBV3	843	1288	0.18%	0.018%
53	11.468	3139	3150	3163	rVB	112548	170675	23.31%	2.425%
54	11.610	3187	3194	3197	rVV4	4704	6236	0.85%	0.089%
55	11.645	3199	3205	3215	rVB2	11381	16968	2.32%	0.241%
56	11.745	3227	3236	3244	rBV	11858	17484	2.39%	0.248%
57	11.812	3244	3257	3272	rVV	407143	638382	87.17%	9.070%
58	11.896	3272	3283	3293	rVB	23745	35860	4.90%	0.510%
59	11.973	3304	3307	3313	rVB2	1071	923	0.13%	0.013%
60	12.008	3313	3318	3325	rVB2	1929	2272	0.31%	0.032%
61	12.057	3328	3333	3337	rBV4	1473	1552	0.21%	0.022%
62	12.098	3337	3346	3350	rBV3	22602	35465	4.84%	0.504%
63	12.192	3363	3375	3393	rVB	397510	672375	91.81%	9.553%
64	12.304	3403	3410	3421	rVB4	3384	5218	0.71%	0.074%
65	12.378	3421	3433	3444	rBV2	15688	24139	3.30%	0.343%
66	12.465	3451	3460	3465	rBV	14140	21942	3.00%	0.312%
67	12.571	3483	3493	3501	rBV	21127	30356	4.15%	0.431%
68	12.613	3501	3506	3518	rVB4	5216	6812	0.93%	0.097%
69	12.690	3518	3530	3549	rBV5	11621	33348	4.55%	0.474%
70	12.809	3561	3567	3573	rBV4	2454	3259	0.45%	0.046%
71	12.877	3577	3588	3599	rVB3	7250	12850	1.75%	0.183%
72	12.944	3604	3609	3610	rVV2	1410	1281	0.17%	0.018%
73	12.973	3611	3618	3626	rVV2	9584	13388	1.83%	0.190%
74	13.024	3626	3634	3646	rVB2	15797	24061	3.29%	0.342%
75	13.108	3652	3660	3667	rBV4	2742	4374	0.60%	0.062%
76	13.169	3675	3679	3682	rBV2	940	913	0.12%	0.013%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046233.D
Acq On : 09 Dec 2021 20:20
Operator : SY/MD
Sample : M4983-21
Misc : 5.8mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5S2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_U\Method\SFAMULM112921WMA.M
Title : VOC Analysis

77	13.201	3685	3689	3695	rVB3	1227	1116	0.15%	0.016%
78	13.256	3699	3706	3710	rVV3	2042	2979	0.41%	0.042%
79	13.291	3712	3717	3728	rVB5	2665	3604	0.49%	0.051%
80	13.385	3742	3746	3747	rBV	548	377	0.05%	0.005%
81	13.401	3747	3751	3757	rVV5	1255	1872	0.26%	0.027%
82	13.449	3757	3766	3778	rVB2	21102	35018	4.78%	0.498%
83	13.558	3797	3800	3807	rVB2	1146	1345	0.18%	0.019%
84	13.622	3812	3820	3832	rVB4	8384	12074	1.65%	0.172%
85	13.732	3851	3854	3863	rVB5	829	1073	0.15%	0.015%
86	13.790	3863	3872	3877	rBV3	934	1611	0.22%	0.023%
87	13.841	3879	3888	3895	rVV5	2867	4514	0.62%	0.064%
88	13.870	3895	3897	3901	rVB2	702	413	0.06%	0.006%
89	13.909	3903	3909	3910	rBV3	772	689	0.09%	0.010%
90	13.944	3914	3920	3924	rVB5	1361	1770	0.24%	0.025%
91	14.085	3955	3964	3975	rVB2	20232	31054	4.24%	0.441%
92	14.394	4053	4060	4062	rBV	418	516	0.07%	0.007%
93	14.513	4093	4097	4104	rBV	433	519	0.07%	0.007%
94	14.687	4146	4151	4158	rVB5	1358	1770	0.24%	0.025%
95	14.873	4204	4209	4213	rBV2	548	589	0.08%	0.008%
96	15.018	4250	4254	4258	rVB3	453	417	0.06%	0.006%
97	15.102	4277	4280	4289	rBV3	501	745	0.10%	0.011%
98	15.220	4309	4317	4329	rVB	10291	15168	2.07%	0.216%
99	15.410	4367	4376	4388	rBV4	5741	9153	1.25%	0.130%
100	16.410	4682	4687	4691	rBV4	795	997	0.14%	0.014%

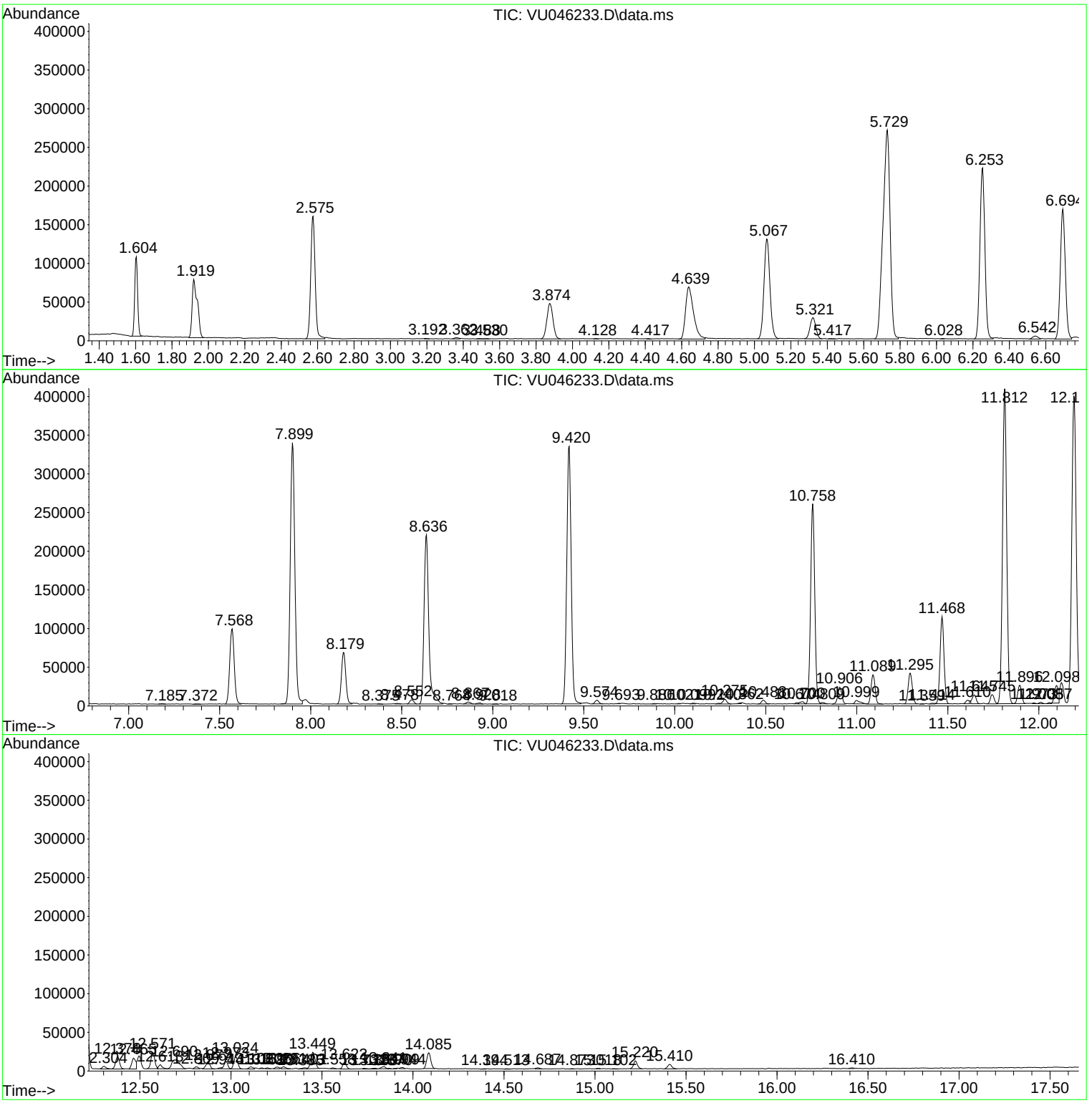
Sum of corrected areas: 7038245

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046233.D
Acq On : 09 Dec 2021 20:20
Operator : SY/MD
Sample : M4983-21
Misc : 5.8mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5S2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046233.D
Acq On : 09 Dec 2021 20:20
Operator : SY/MD
Sample : M4983-21
Misc : 5.8mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5S2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

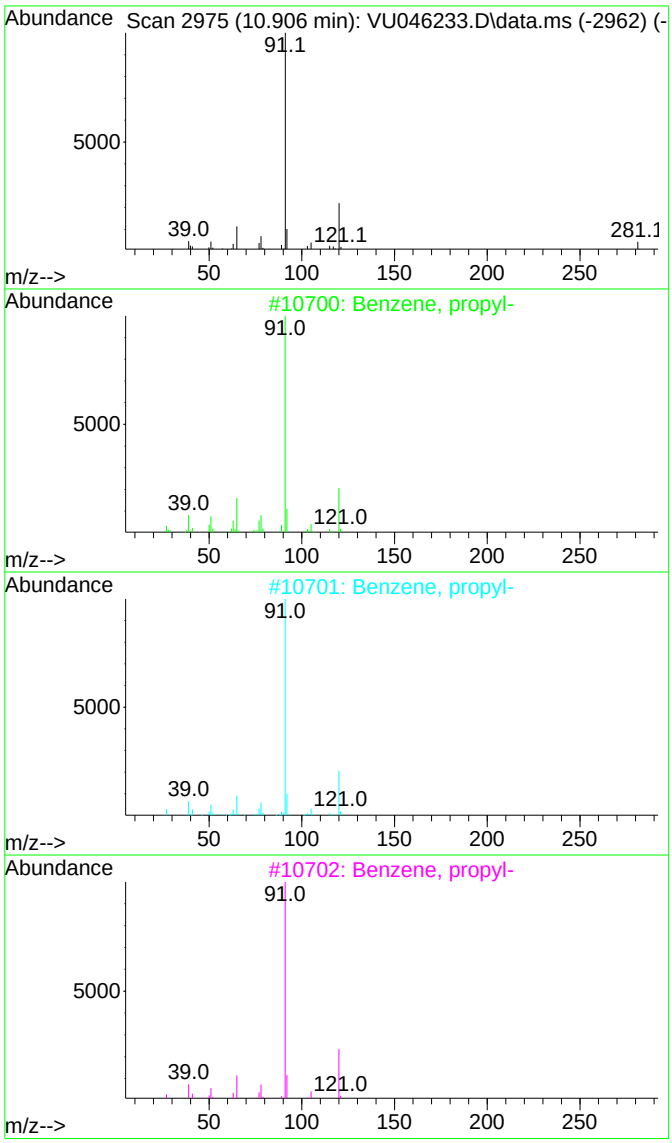
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

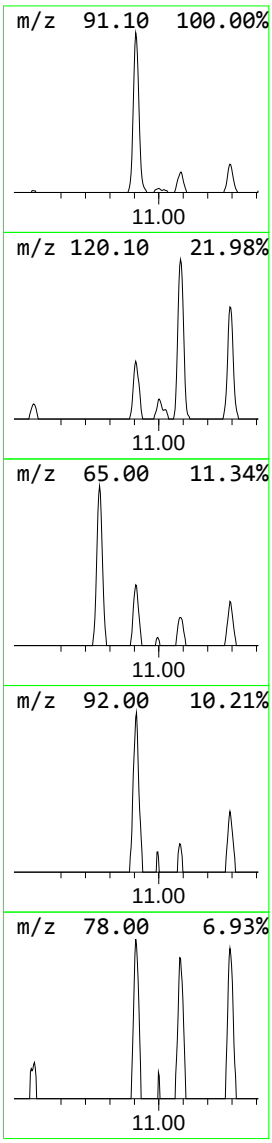
****

Peak Number 2 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	2.72 ug/L	34690	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	83
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046233.D
Acq On : 09 Dec 2021 20:20
Operator : SY/MD
Sample : M4983-21
Misc : 5.8mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5S2

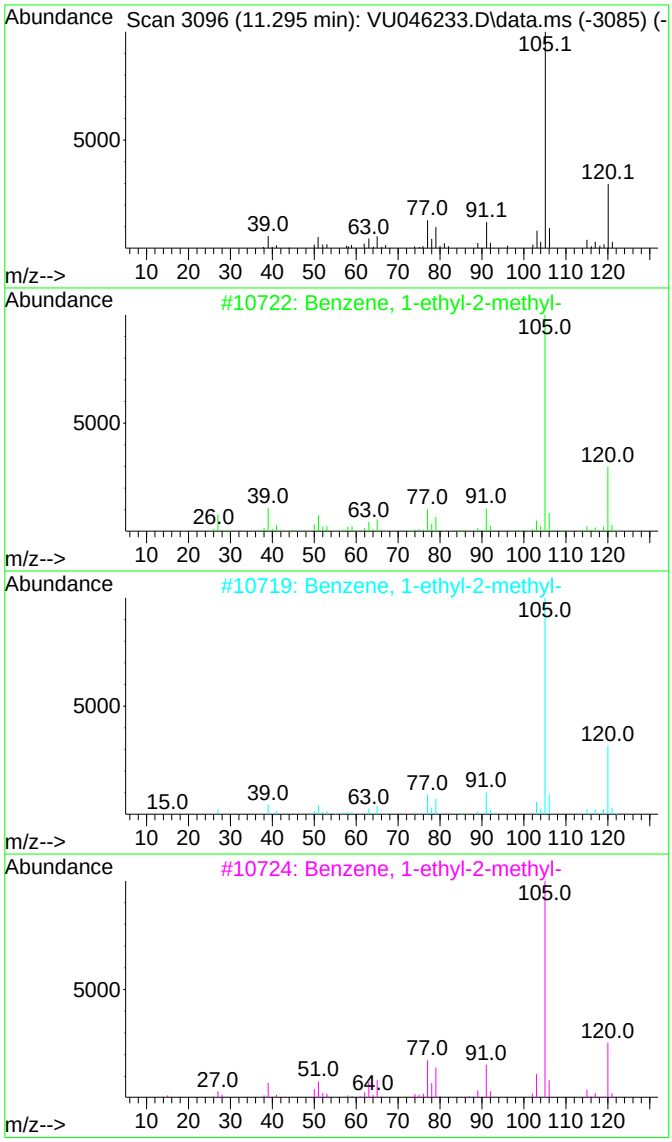
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

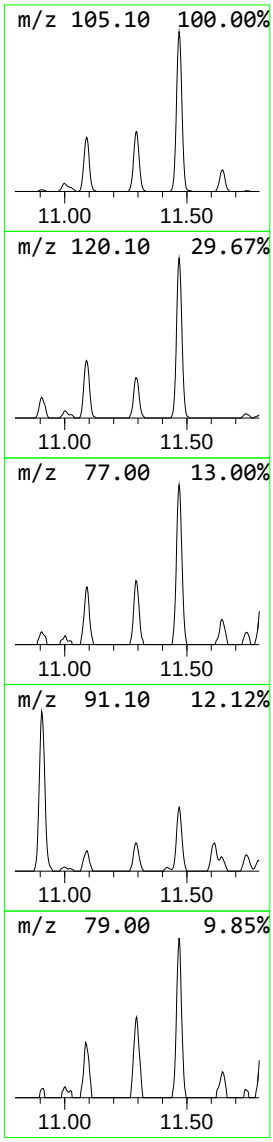
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.295	4.90 ug/L	62549	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046233.D
Acq On : 09 Dec 2021 20:20
Operator : SY/MD
Sample : M4983-21
Misc : 5.8mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5S2

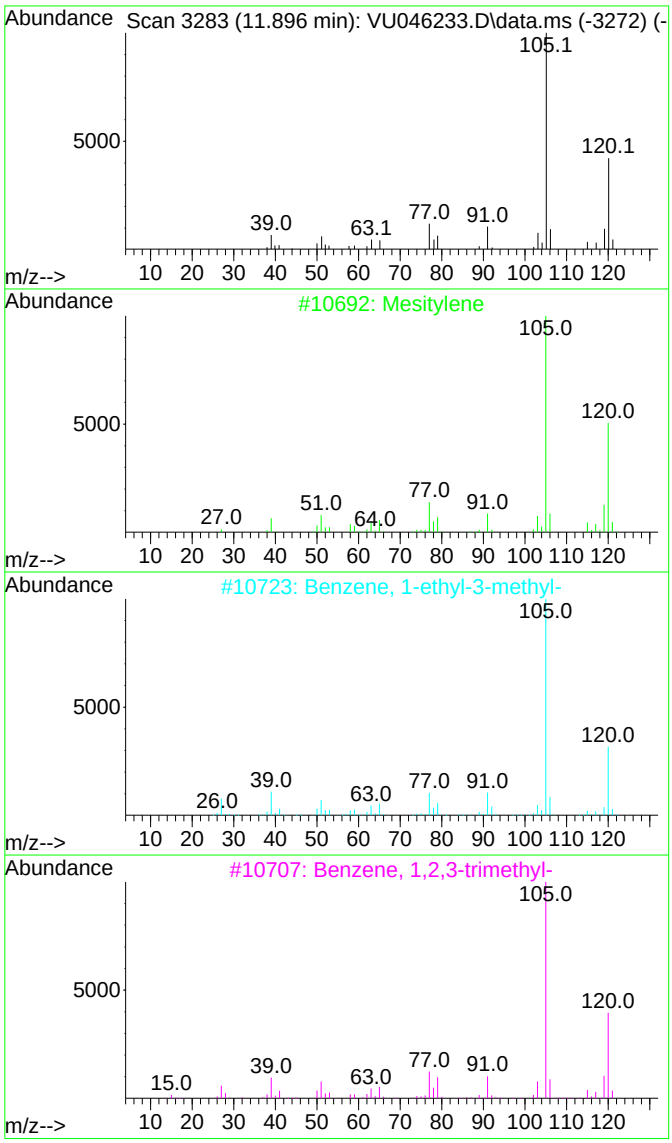
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

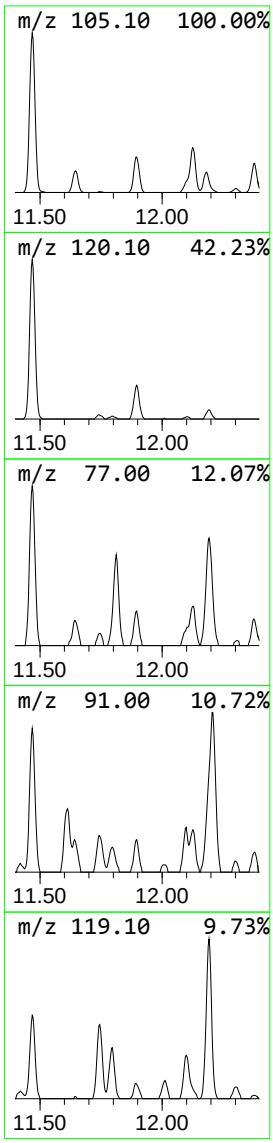
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	2.81 ug/L	35860	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046233.D
Acq On : 09 Dec 2021 20:20
Operator : SY/MD
Sample : M4983-21
Misc : 5.8mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5S2

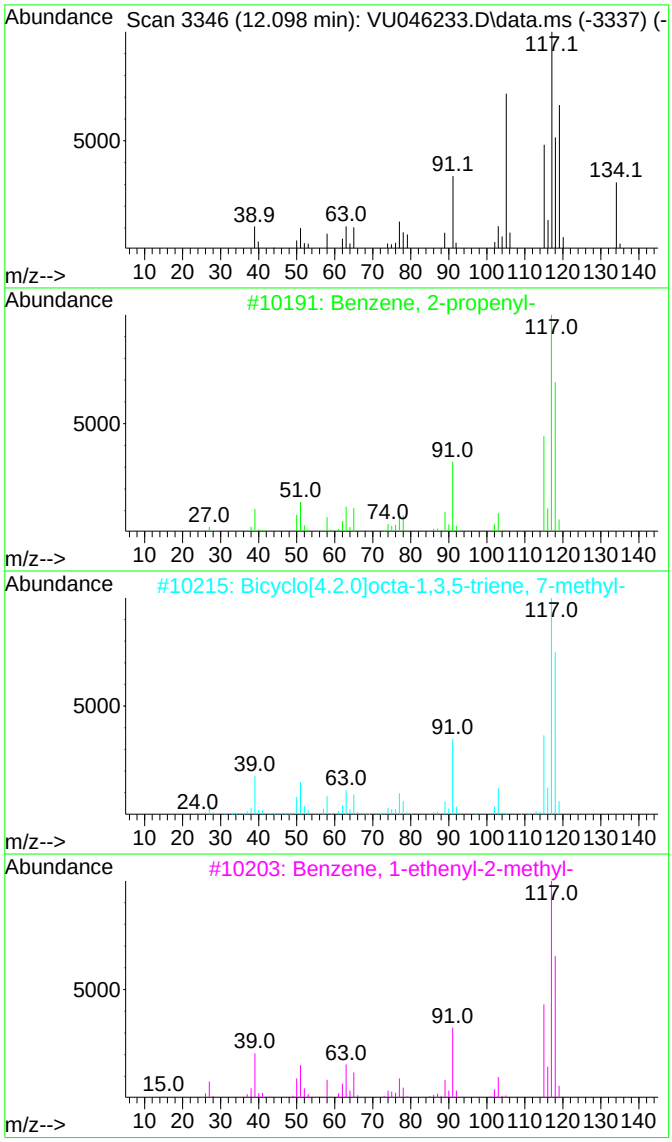
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

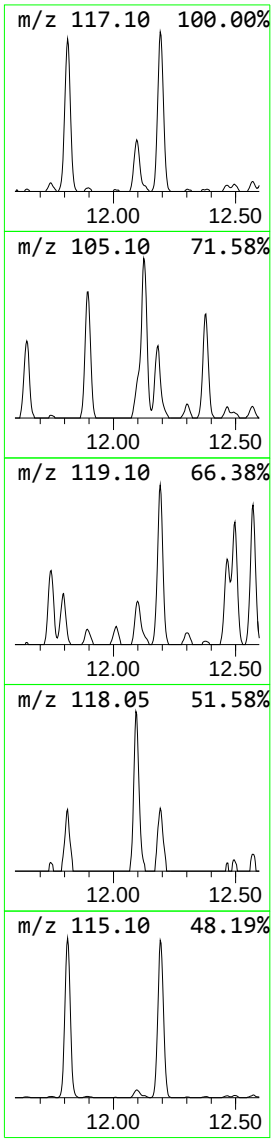
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	2.78 ug/L	35465	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	87
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
4	Indane	118	C9H10	000496-11-7	70
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046233.D
Acq On : 09 Dec 2021 20:20
Operator : SY/MD
Sample : M4983-21
Misc : 5.8mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5S2

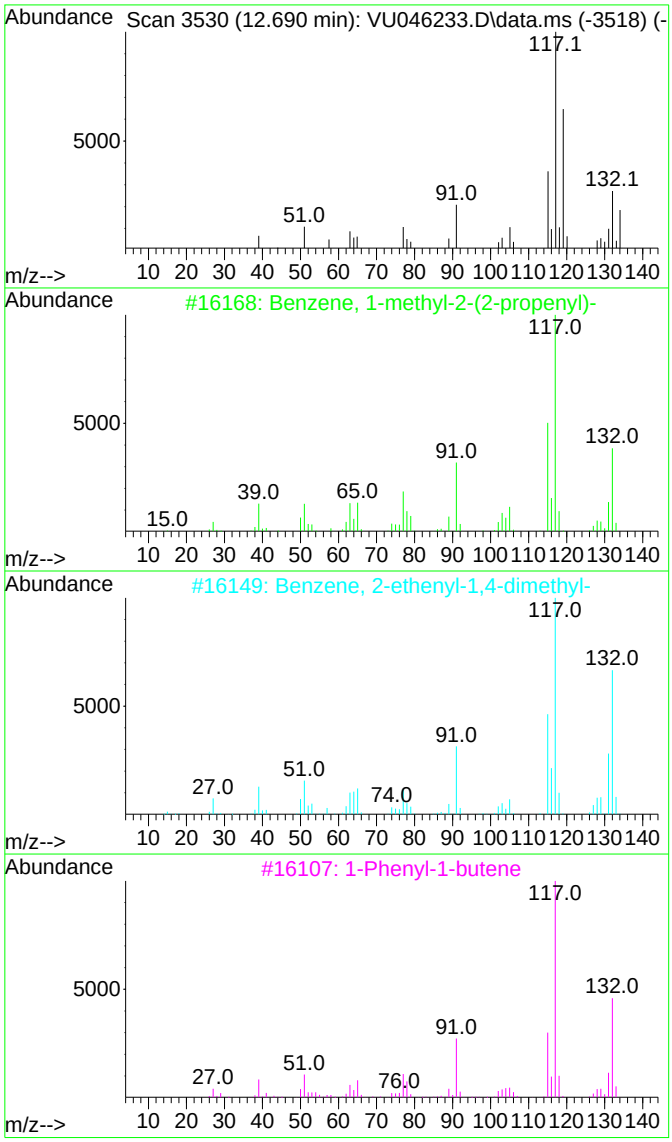
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

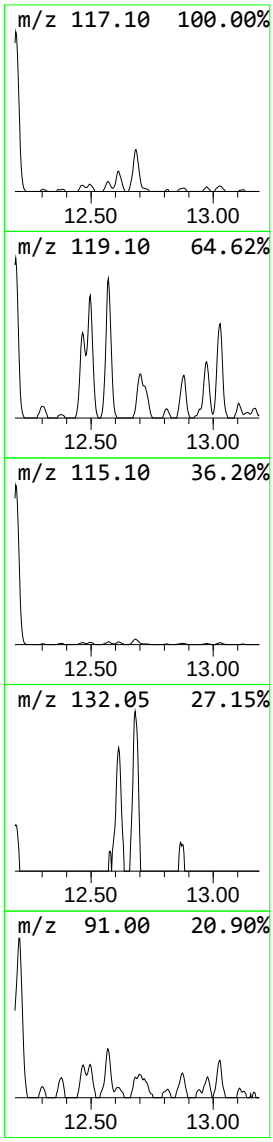
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.690	2.61 ug/L	33348	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046233.D
Acq On : 09 Dec 2021 20:20
Operator : SY/MD
Sample : M4983-21
Misc : 5.8mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5S2

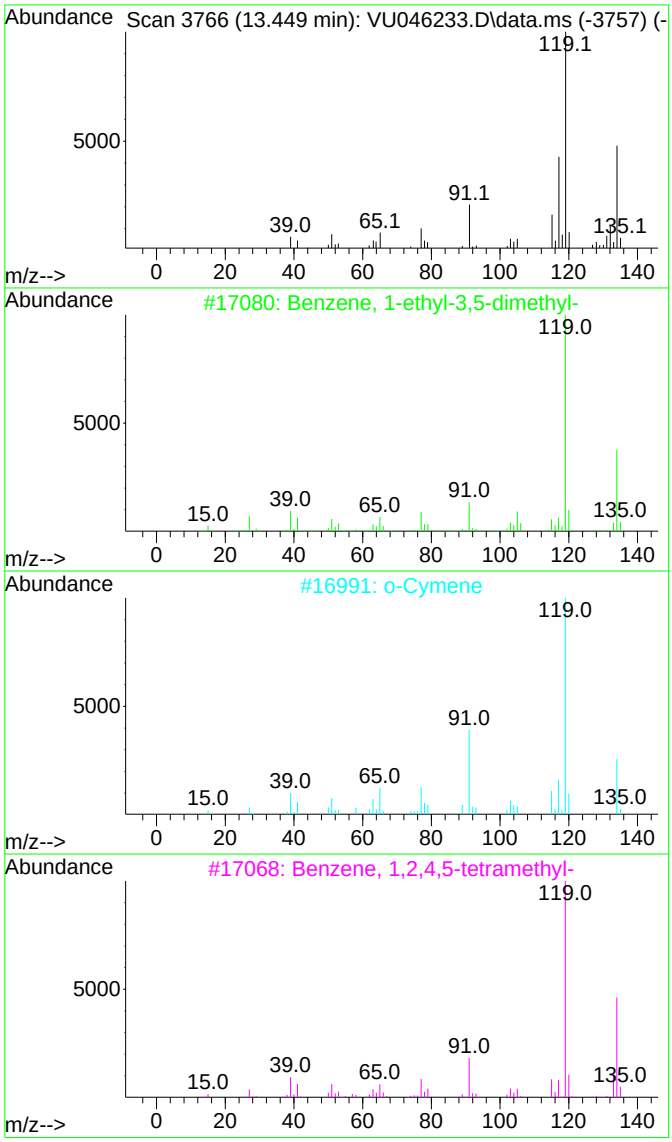
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

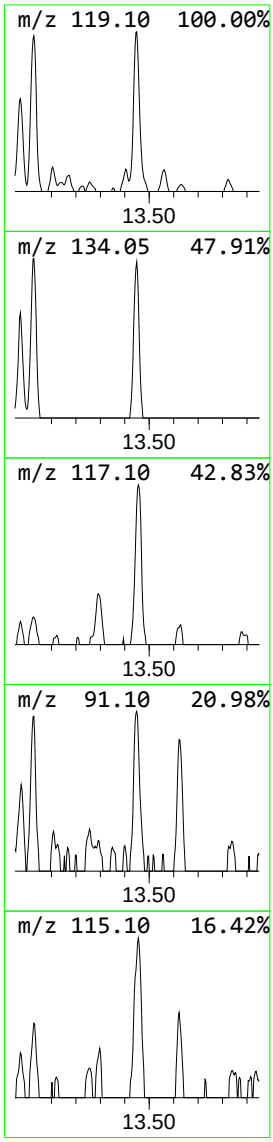
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	2.74 ug/L	35018	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
2	o-Cymene	134	C10H14	000527-84-4	70
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046233.D
Acq On : 09 Dec 2021 20:20
Operator : SY/MD
Sample : M4983-21
Misc : 5.8mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5S2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	10.906	2.7	ug/L	34690	3	11.812	638382	50.0
Benzene, 1-ethy...	11.295	4.9	ug/L	62549	3	11.812	638382	50.0
Benzene, 1-ethy...	11.896	2.8	ug/L	35860	3	11.812	638382	50.0
Benzene, 2-prop...	12.098	2.8	ug/L	35465	3	11.812	638382	50.0
Benzene, 1-meth...	12.690	2.6	ug/L	33348	3	11.812	638382	50.0
Benzene, 1-ethy...	13.449	2.7	ug/L	35018	3	11.812	638382	50.0