LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029652.D
Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

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_V\Method\SFAMVLM120722WMA.M
Title : VOC Analysis

Signal : TIC: VV029652.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	75	83	98	rVB2	598616	610603	13.34%	2.030%
2	1.581	155	168	187	rBV2	1475475	1838422	40.15%	6.111%
3	2.105	319	331	345	rBV2	363171	550599	12.02%	1.830%
4	2.246	370	375	383	rVB5	1405	1933	0.04%	0.006%
5	2.503	447	455	464	rBV5	2328	3514	0.08%	0.012%
6	2.619	484	491	495	rBV3	823	888	0.02%	0.003%
7	2.757	519	534	556	rVV	54044	99364	2.17%	0.330%
8	3.182	648	666	692	rBV	2072062	4304319	94.00%	14.308%
9	3.738	834	839	842	rBV4	442	405	0.01%	0.001%
10	3.809	855	861	867	rBV4	601	871	0.02%	0.003%
11	3.899	870	889	935	rBV2	1790553	4578863	100.00%	15.221%
12	4.339	1010	1026	1055	rBV	219535	540112	11.80%	1.795%
13	4.600	1086	1107	1143	rBV	939714	2382785	52.04%	7.921%
14	4.905	1199	1202	1206	rVB4	694	534	0.01%	0.002%
15	5.040	1224	1244	1290	rBV2	531785	1448617	31.64%	4.815%
16	5.297	1320	1324	1325	rBV3	562	357	0.01%	0.001%
17	5.452	1366	1372	1374	rBV3	504	429	0.01%	0.001%
18	5.609	1408	1421	1468	rBV	553152	1134588	24.78%	3.772%
19	5.912	1501	1515	1539	rBV3	42922	94223	2.06%	0.313%
20	5.998	1539	1542	1547	rVB3	498	368	0.01%	0.001%
21	6.063	1547	1562	1578	rBV	299160	621475	13.57%	2.066%
22	6.204	1604	1606	1614	rVB6	1001	1105	0.02%	0.004%
23	6.359	1649	1654	1657	rBV2	531	518	0.01%	0.002%
24	6.619	1731	1735	1737	rBV3	787	510	0.01%	0.002%
25	6.979	1836	1847	1874	rBV	150771	282230	6.16%	0.938%
26	7.233	1919	1926	1927	rBV5	1448	1087	0.02%	0.004%
27	7.307	1937	1949	1962	rBV	655926	1153105	25.18%	3.833%
28	7.381	1962	1972	1997	rVB	428047	761023	16.62%	2.530%
29	7.612	2033	2044	2069	rBV	109505	198562	4.34%	0.660%
30	7.776	2089	2095	2105	rVB8	1289	2370	0.05%	0.008%
31	7.821	2105	2109	2110	rBV2	541	362	0.01%	0.001%
32	7.844	2110	2116	2119	rVV3	898	954	0.02%	0.003%
33	7.966	2134	2154	2180	rVB	158153	277027	6.05%	0.921%
34	8.082	2180	2190	2229	rBV	351972	639049	13.96%	2.124%
35	8.342	2263	2271	2279	rVB6	2577	4582	0.10%	0.015%
36	8.481	2310	2314	2319	rVB4	875	916	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
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Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

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_V\Method\SFAMVLM120722WMA.M
Title : VOC Analysis

37	8.584	2342	2346	2351	rBV5	626	715	0.02%	0.002%
38	8.715	2376	2387	2389	rBV4	1333	1492	0.03%	0.005%
39	8.844	2414	2427	2447	rBV	823331	1343983	29.35%	4.468%
40	9.005	2466	2477	2490	rBV	137704	220256	4.81%	0.732%
41	9.127	2503	2515	2538	rBV	300646	491996	10.74%	1.635%
42	9.310	2566	2572	2577	rVV6	1253	1775	0.04%	0.006%
43	9.471	2608	2622	2630	rBV8	2295	5135	0.11%	0.017%
44	9.535	2630	2642	2673	rVV	199907	317820	6.94%	1.056%
45	9.696	2678	2692	2703	rVB5	9355	16222	0.35%	0.054%
46	9.789	2711	2721	2734	rBV7	3378	6228	0.14%	0.021%
47	9.921	2752	2762	2774	rVV	24617	37114	0.81%	0.123%
48	10.005	2780	2788	2800	rVB2	6555	9619	0.21%	0.032%
49	10.082	2803	2812	2817	rBV4	4617	6784	0.15%	0.023%
50	10.117	2817	2823	2828	rVV5	4321	6180	0.13%	0.021%
51	10.162	2828	2837	2840	rVV2	19839	27958	0.61%	0.093%
52	10.204	2841	2850	2872	rVB	458348	717689	15.67%	2.386%
53	10.342	2881	2893	2912	rBV	50107	85421	1.87%	0.284%
54	10.439	2912	2923	2941	rBV	131953	290125	6.34%	0.964%
55	10.529	2941	2951	2959	rBV	79910	118864	2.60%	0.395%
56	10.686	2992	3000	3003	rVV	9583	12489	0.27%	0.042%
57	10.728	3003	3013	3028	rVB	147952	233277	5.09%	0.775%
58	10.854	3044	3052	3057	rBV3	3277	4570	0.10%	0.015%
59	10.902	3057	3067	3082	rVV	432517	651125	14.22%	2.164%
60	11.011	3094	3101	3105	rBV6	3103	3913	0.09%	0.013%
61	11.046	3105	3112	3115	rVV2	8384	11708	0.26%	0.039%
62	11.079	3116	3122	3134	rVB	22368	32803	0.72%	0.109%
63	11.181	3143	3154	3161	rBV	31202	47561	1.04%	0.158%
64	11.236	3161	3171	3188	rVV	989432	1518254	33.16%	5.047%
65	11.323	3188	3198	3213	rVB	213707	322173	7.04%	1.071%
66	11.439	3226	3234	3243	rVB4	6916	11095	0.24%	0.037%
67	11.519	3247	3259	3267	rBV2	85183	161520	3.53%	0.537%
68	11.612	3278	3288	3312	rVB	772953	1299819	28.39%	4.321%
69	11.731	3317	3325	3334	rVB3	9057	13504	0.29%	0.045%
70	11.808	3340	3349	3363	rVB	26142	41213	0.90%	0.137%
71	11.902	3367	3378	3381	rBV	35680	50586	1.10%	0.168%
72	12.005	3401	3410	3418	rBV	42628	65553	1.43%	0.218%
73	12.104	3430	3441	3445	rBV	20032	32613	0.71%	0.108%
74	12.246	3476	3485	3491	rBV7	3664	5792	0.13%	0.019%
75	12.300	3493	3502	3513	rVB3	16506	28318	0.62%	0.094%
76	12.368	3517	3523	3524	rBV4	3019	2484	0.05%	0.008%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029652.D
Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

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_V\Method\SFAMVLM120722WMA.M
Title : VOC Analysis

77	12.400	3526	3533	3541	rVV	20281	29624	0.65%	0.098%
78	12.455	3541	3550	3564	rVB	35966	56250	1.23%	0.187%
79	12.538	3565	3576	3584	rBV7	4752	7106	0.16%	0.024%
80	12.574	3584	3587	3591	rVB5	1043	924	0.02%	0.003%
81	12.628	3602	3604	3611	rVB2	2106	1918	0.04%	0.006%
82	12.673	3613	3618	3624	rVV3	3140	3699	0.08%	0.012%
83	12.715	3624	3631	3644	rVB5	8276	12642	0.28%	0.042%
84	12.828	3657	3666	3668	rBV7	2992	4402	0.10%	0.015%
85	12.866	3670	3678	3691	rVV2	48004	77213	1.69%	0.257%
86	12.934	3695	3699	3708	rVB4	5042	6719	0.15%	0.022%
87	12.988	3708	3716	3721	rBV6	1623	2425	0.05%	0.008%
88	13.033	3721	3730	3744	rVB3	13773	21775	0.48%	0.072%
89	13.152	3759	3767	3776	rBV8	1627	2751	0.06%	0.009%
90	13.201	3776	3782	3789	rVB3	2232	3039	0.07%	0.010%
91	13.255	3789	3799	3806	rBV8	6208	9524	0.21%	0.032%
92	13.326	3815	3821	3824	rBV6	1718	1916	0.04%	0.006%
93	13.352	3827	3829	3836	rVB3	2888	2644	0.06%	0.009%
94	13.429	3848	3853	3857	rBV2	636	632	0.01%	0.002%
95	13.493	3862	3873	3890	rBV	24137	41400	0.90%	0.138%
96	13.693	3932	3935	3940	rBV5	740	803	0.02%	0.003%
97	13.722	3942	3944	3948	rVB4	940	454	0.01%	0.002%
98	14.358	4139	4142	4143	rBV2	674	365	0.01%	0.001%
99	14.419	4155	4161	4166	rBV6	1386	1849	0.04%	0.006%
100	14.615	4219	4222	4223	rBV4	933	645	0.01%	0.002%

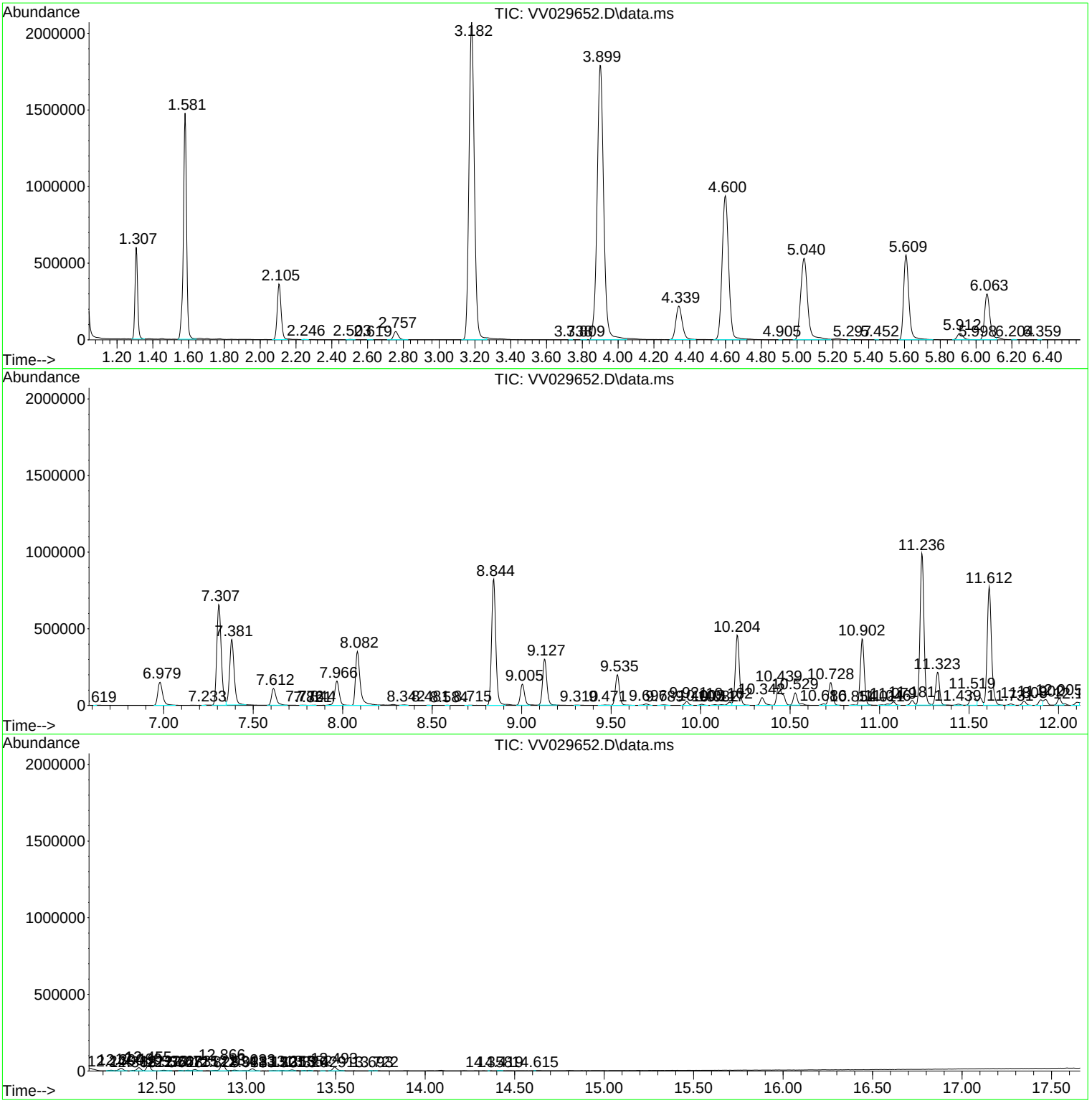
Sum of corrected areas: 30083134

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029652.D
Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029652.D
Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

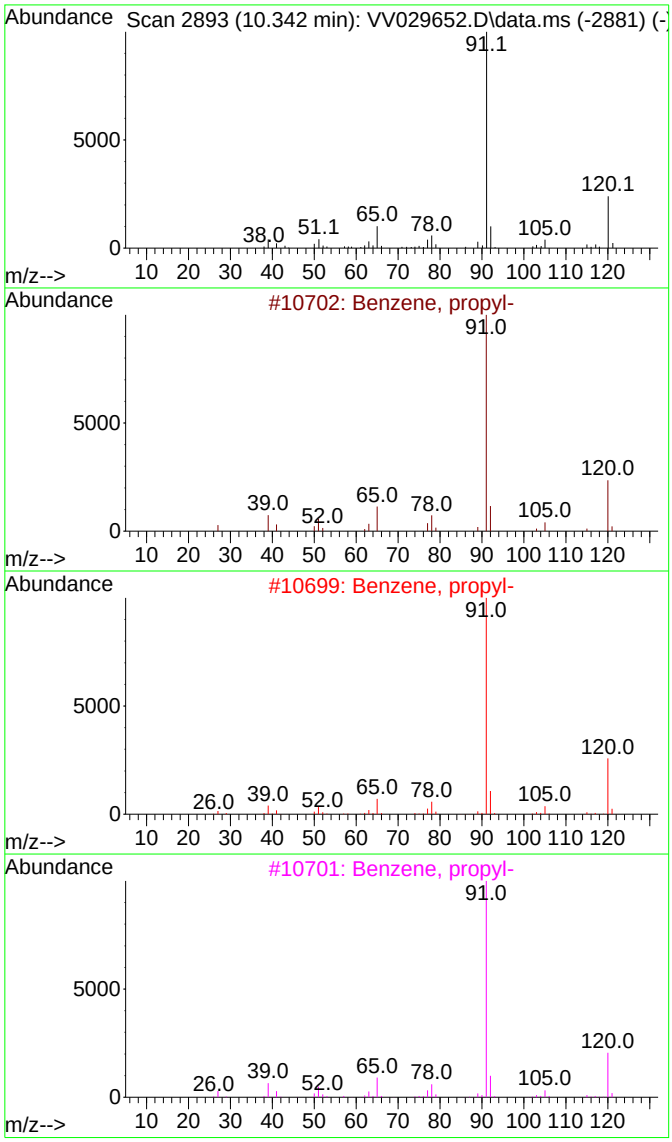
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

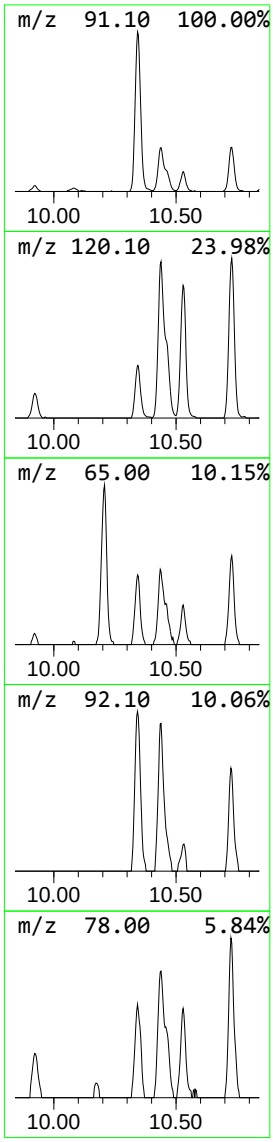
****

Peak Number 2 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.342	2.81 ug/L	85421	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029652.D
Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

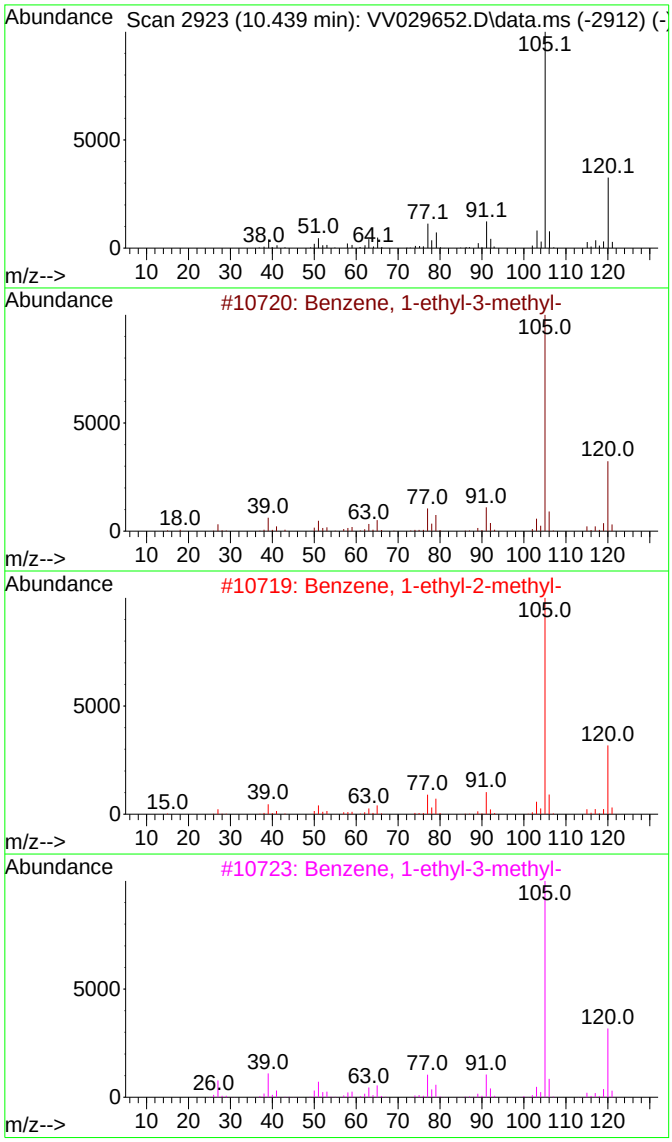
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

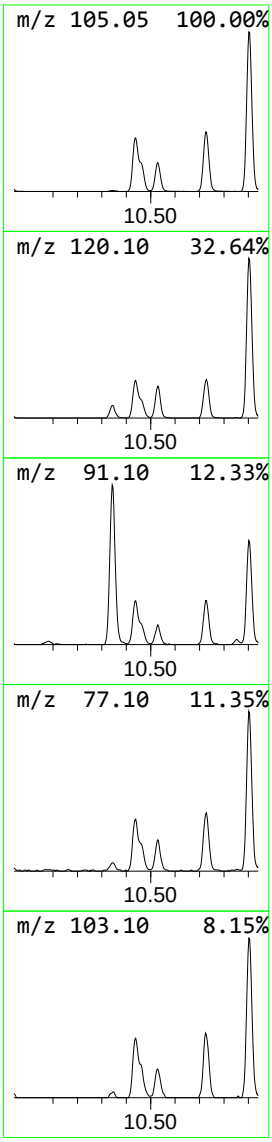
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	9.55 ug/L	290125	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029652.D
Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

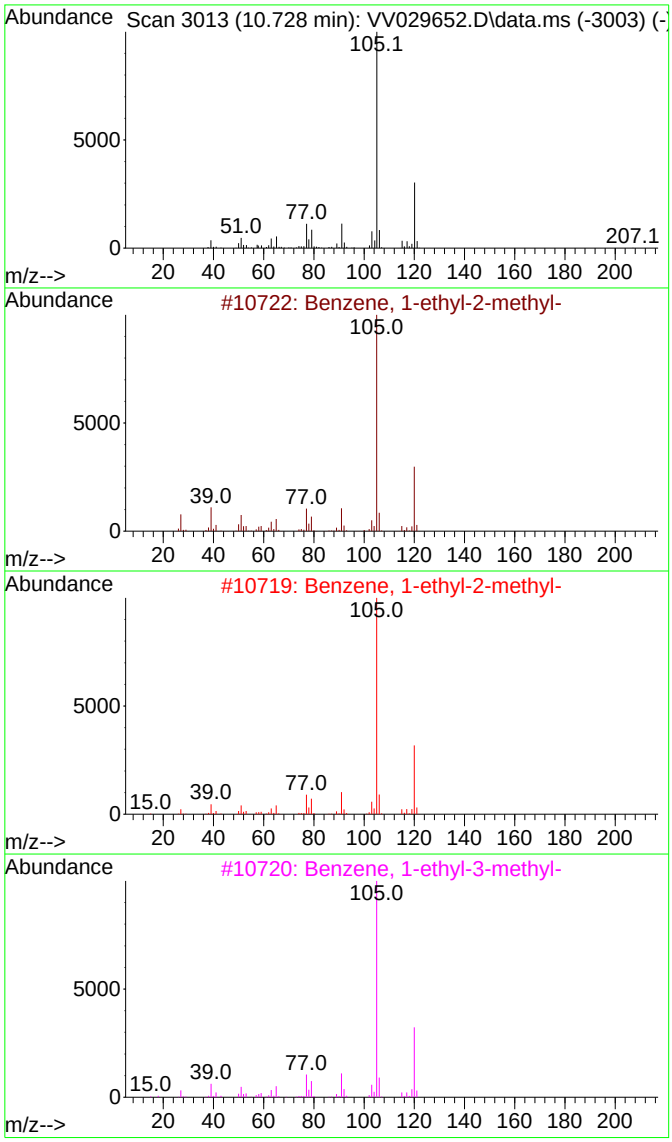
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

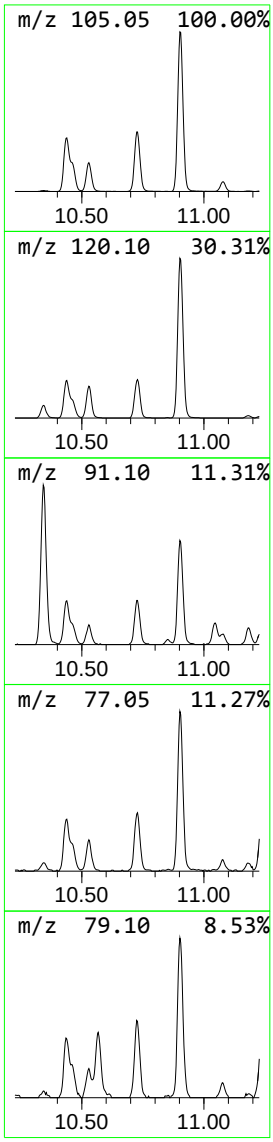
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.728	7.68 ug/L	233277	1,4-Dichlorobenzene-d4	11.239

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	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029652.D
Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

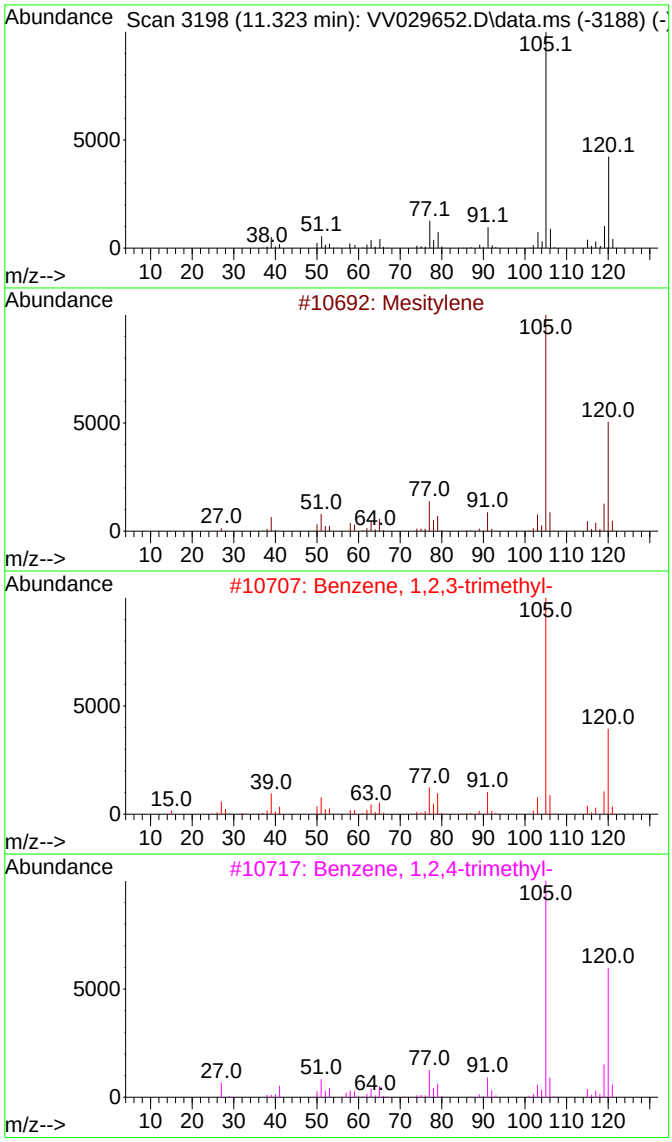
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

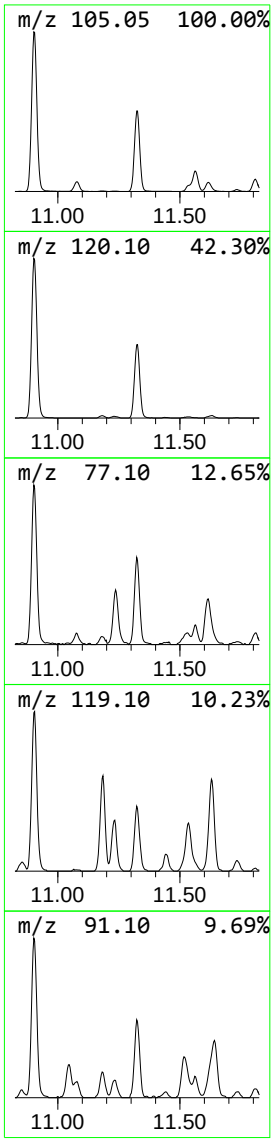
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.323	10.61 ug/L	322173	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029652.D
Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

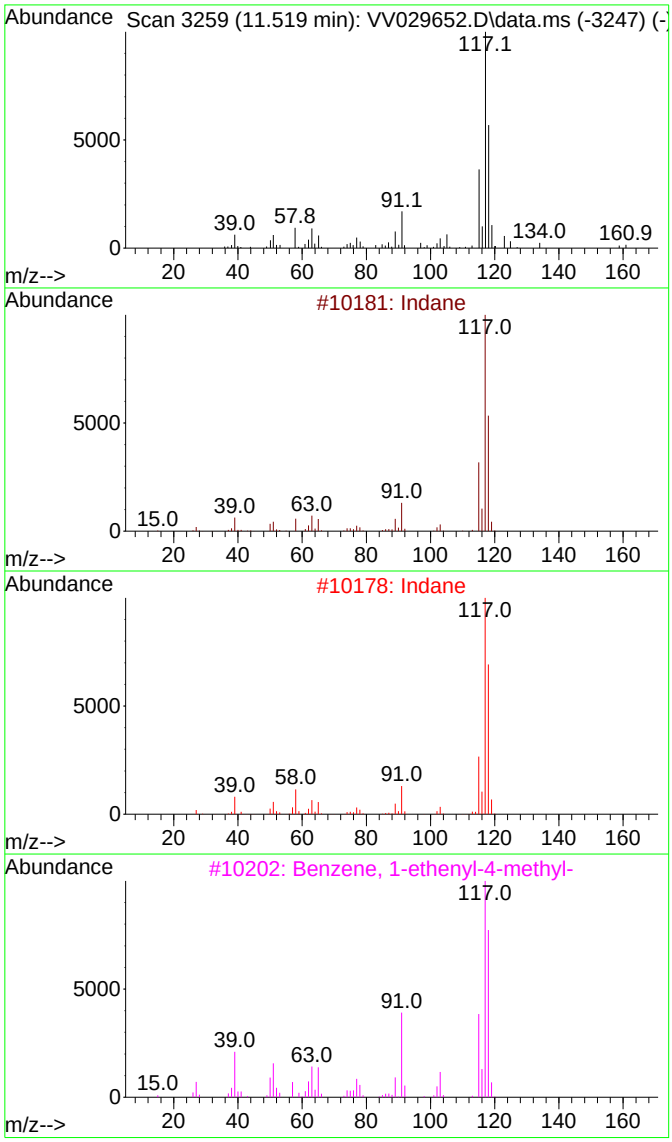
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

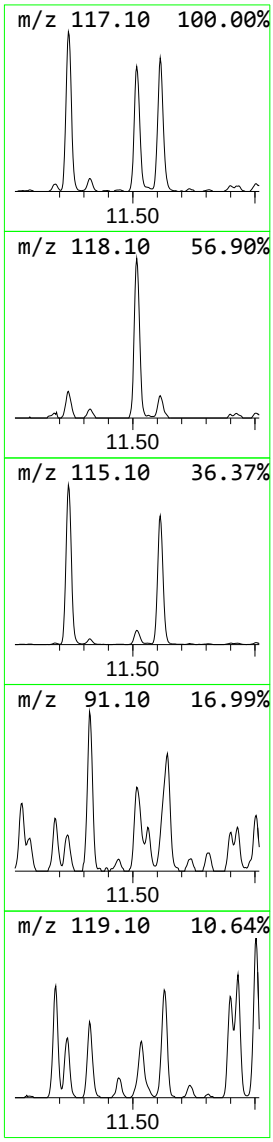
****

Peak Number 6 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	5.32 ug/L	161520	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	93
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029652.D
Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

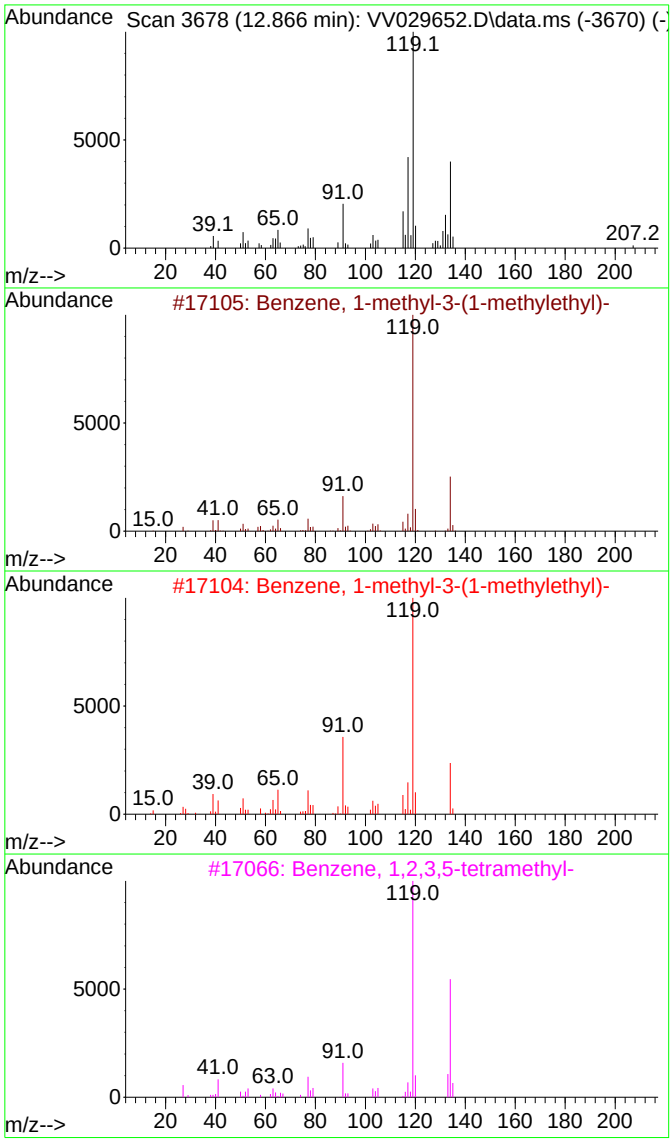
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

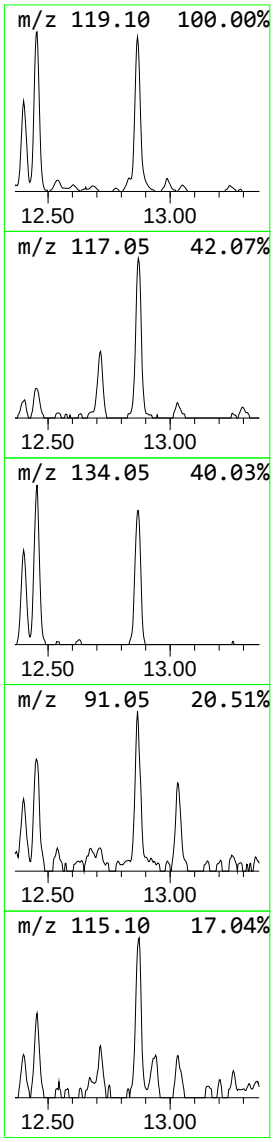
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.866	2.54 ug/L	77213	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
4	o-Cymene	134	C10H14	000527-84-4	70
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029652.D
Acq On : 13 Dec 2022 15:37
Operator : SY/MD
Sample : N5928-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ78

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.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-	10.342	2.8	ug/L	85421	3	11.239	1518250	50.0
Benzene, 1-ethy...	10.439	9.6	ug/L	290125	3	11.239	1518250	50.0
Benzene, 1-ethy...	10.728	7.7	ug/L	233277	3	11.239	1518250	50.0
Benzene, 1,2,3-...	11.323	10.6	ug/L	322173	3	11.239	1518250	50.0
Indane	11.519	5.3	ug/L	161520	3	11.239	1518250	50.0
Benzene, 1-meth...	12.866	2.5	ug/L	77213	3	11.239	1518250	50.0