LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048986.D
Acq On : 09 Jun 2022 19:16
Operator : SY/MD
Sample : N3248-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

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\SFAMULM051622WMA.M
Title : VOC Analysis

Signal : TIC: VU048986.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	70	80	98	rVB3	194059	290673	22.62%	1.797%
2	1.922	167	181	206	rVB2	427415	718176	55.88%	4.439%
3	2.565	368	381	393	rBV2	257817	443747	34.53%	2.743%
4	3.182	556	573	588	rBV4	9314	22232	1.73%	0.137%
5	3.279	600	603	605	rBV2	250	132	0.01%	0.001%
6	3.356	616	627	638	rBV4	9143	17475	1.36%	0.108%
7	3.578	692	696	697	rBV2	1621	1130	0.09%	0.007%
8	3.681	726	728	729	rBV2	337	115	0.01%	0.001%
9	3.867	764	786	813	rBV	483020	1143648	88.99%	7.068%
10	4.269	909	911	913	rVB	279	67	0.01%	0.000%
11	4.285	913	916	920	rBV2	167	155	0.01%	0.001%
12	4.382	943	946	947	rBV	300	185	0.01%	0.001%
13	4.507	983	985	987	rVB2	398	169	0.01%	0.001%
14	4.526	987	991	993	rBV3	976	815	0.06%	0.005%
15	4.620	1008	1020	1021	rBV	168103	220842	17.18%	1.365%
16	5.054	1139	1155	1182	rBV3	482622	1211598	94.28%	7.488%
17	5.317	1220	1237	1255	rBV	246262	557656	43.39%	3.447%
18	5.456	1278	1280	1281	rBV	244	131	0.01%	0.001%
19	5.513	1296	1298	1299	rBV2	211	85	0.01%	0.001%
20	5.571	1310	1316	1319	rVB	411	440	0.03%	0.003%
21	5.594	1319	1323	1325	rBV	384	282	0.02%	0.002%
22	5.649	1338	1340	1342	rVB2	250	80	0.01%	0.000%
23	5.726	1342	1364	1397	rBV2	474809	1285138	100.00%	7.943%
24	6.015	1452	1454	1456	rBV	211	120	0.01%	0.001%
25	6.034	1456	1460	1464	rVV2	430	357	0.03%	0.002%
26	6.118	1477	1486	1488	rBV2	521	709	0.06%	0.004%
27	6.147	1492	1495	1497	rBV2	372	226	0.02%	0.001%
28	6.247	1512	1526	1555	rBV	411864	785521	61.12%	4.855%
29	6.488	1600	1601	1602	rBB	116	45	0.00%	0.000%
30	6.542	1606	1618	1640	rVB3	53666	103215	8.03%	0.638%
31	6.690	1650	1664	1680	rBV	299505	582191	45.30%	3.598%
32	6.864	1715	1718	1719	rBV	274	130	0.01%	0.001%
33	6.896	1725	1728	1734	rVB3	701	571	0.04%	0.004%
34	6.938	1734	1741	1743	rBV3	384	371	0.03%	0.002%
35	7.015	1763	1765	1768	rVB2	328	139	0.01%	0.001%
36	7.079	1783	1785	1789	rBV	405	185	0.01%	0.001%

LSC Area Percent Report

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Operator : SY/MD
Sample : N3248-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

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\SFAMULM051622WMA.M
Title : VOC Analysis

37	7.118	1794	1797	1799	rBV2	269	165	0.01%	0.001%
38	7.173	1805	1814	1816	rBV6	1906	2553	0.20%	0.016%
39	7.224	1828	1830	1831	rBV	327	160	0.01%	0.001%
40	7.317	1857	1859	1862	rBV	157	89	0.01%	0.001%
41	7.333	1862	1864	1866	rVB	157	43	0.00%	0.000%
42	7.436	1893	1896	1898	rBV2	305	157	0.01%	0.001%
43	7.462	1902	1904	1907	rVB2	246	131	0.01%	0.001%
44	7.565	1923	1936	1958	rBV	164295	292141	22.73%	1.806%
45	7.677	1961	1971	1987	rVB2	12358	24103	1.88%	0.149%
46	7.774	2000	2001	2003	rBV2	285	131	0.01%	0.001%
47	7.896	2025	2039	2054	rBV	576761	1003614	78.09%	6.203%
48	8.179	2116	2127	2141	rBV	120803	202457	15.75%	1.251%
49	8.356	2180	2182	2183	rBV	541	212	0.02%	0.001%
50	8.472	2211	2218	2229	rVB4	1885	2660	0.21%	0.016%
51	8.552	2231	2243	2256	rBV2	194591	327122	25.45%	2.022%
52	8.632	2257	2268	2303	rVV	471929	851509	66.26%	5.263%
53	8.922	2350	2358	2366	rBV5	1913	2838	0.22%	0.018%
54	9.105	2413	2415	2420	rVB	548	379	0.03%	0.002%
55	9.279	2462	2469	2473	rBV2	1287	1837	0.14%	0.011%
56	9.369	2494	2497	2498	rBV2	190	83	0.01%	0.001%
57	9.417	2498	2512	2532	rBV	573196	944404	73.49%	5.837%
58	9.571	2549	2560	2582	rVB	58426	94950	7.39%	0.587%
59	9.693	2588	2598	2612	rVB	18336	32422	2.52%	0.200%
60	9.758	2616	2618	2622	rBV2	180	155	0.01%	0.001%
61	9.777	2622	2624	2631	rVB	511	404	0.03%	0.002%
62	9.835	2639	2642	2645	rBV	295	218	0.02%	0.001%
63	9.893	2658	2660	2662	rBV2	650	277	0.02%	0.002%
64	10.098	2710	2724	2748	rVB	96504	157764	12.28%	0.975%
65	10.205	2755	2757	2759	rVB2	384	148	0.01%	0.001%
66	10.314	2789	2791	2793	rBV	303	122	0.01%	0.001%
67	10.401	2816	2818	2819	rBV	259	64	0.00%	0.000%
68	10.484	2836	2844	2856	rVB3	15725	23150	1.80%	0.143%
69	10.568	2868	2870	2872	rVB	412	132	0.01%	0.001%
70	10.642	2888	2893	2902	rVB6	2839	3640	0.28%	0.022%
71	10.700	2902	2911	2916	rBV5	2360	3776	0.29%	0.023%
72	10.758	2916	2929	2950	rVV	453113	732970	57.03%	4.530%
73	10.906	2963	2975	2987	rBV	37635	60373	4.70%	0.373%
74	10.996	2993	3003	3020	rBV	66311	121867	9.48%	0.753%
75	11.089	3022	3032	3046	rVB	90686	138513	10.78%	0.856%
76	11.233	3070	3077	3084	rBV4	1717	2623	0.20%	0.016%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
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Operator : SY/MD
Sample : N3248-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

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\SFAMULM051622WMA.M
Title : VOC Analysis

77	11.291	3084	3095	3108	rVV	145104	221729	17.25%	1.370%
78	11.468	3139	3150	3170	rVB	469673	712439	55.44%	4.403%
79	11.613	3187	3195	3197	rBV4	4812	6086	0.47%	0.038%
80	11.745	3226	3236	3244	rBV	13749	21931	1.71%	0.136%
81	11.812	3244	3257	3272	rVV	598633	946412	73.64%	5.849%
82	11.896	3272	3283	3296	rVB	272238	421795	32.82%	2.607%
83	12.008	3312	3318	3325	rBV4	3659	5189	0.40%	0.032%
84	12.063	3325	3335	3339	rBV2	66211	102941	8.01%	0.636%
85	12.192	3364	3375	3397	rVB	619432	1023634	79.65%	6.327%
86	12.378	3424	3433	3441	rVB	14347	20186	1.57%	0.125%
87	12.468	3452	3461	3464	rBV2	16974	23853	1.86%	0.147%
88	12.571	3484	3493	3501	rBV2	22591	33441	2.60%	0.207%
89	12.690	3517	3530	3549	rBV4	23765	59598	4.64%	0.368%
90	12.877	3579	3588	3600	rVB4	12582	20497	1.59%	0.127%
91	12.941	3604	3608	3610	rBV3	1156	1007	0.08%	0.006%
92	13.028	3627	3635	3647	rVB	21348	31518	2.45%	0.195%
93	13.111	3655	3661	3675	rBV7	2012	3730	0.29%	0.023%
94	13.449	3758	3766	3779	rVB5	28064	46570	3.62%	0.288%
95	13.626	3815	3821	3833	rVB3	12469	18106	1.41%	0.112%
96	14.092	3957	3966	3985	rVB	22548	39082	3.04%	0.242%
97	14.384	4054	4057	4062	rBV	763	790	0.06%	0.005%

Sum of corrected areas: 16179641

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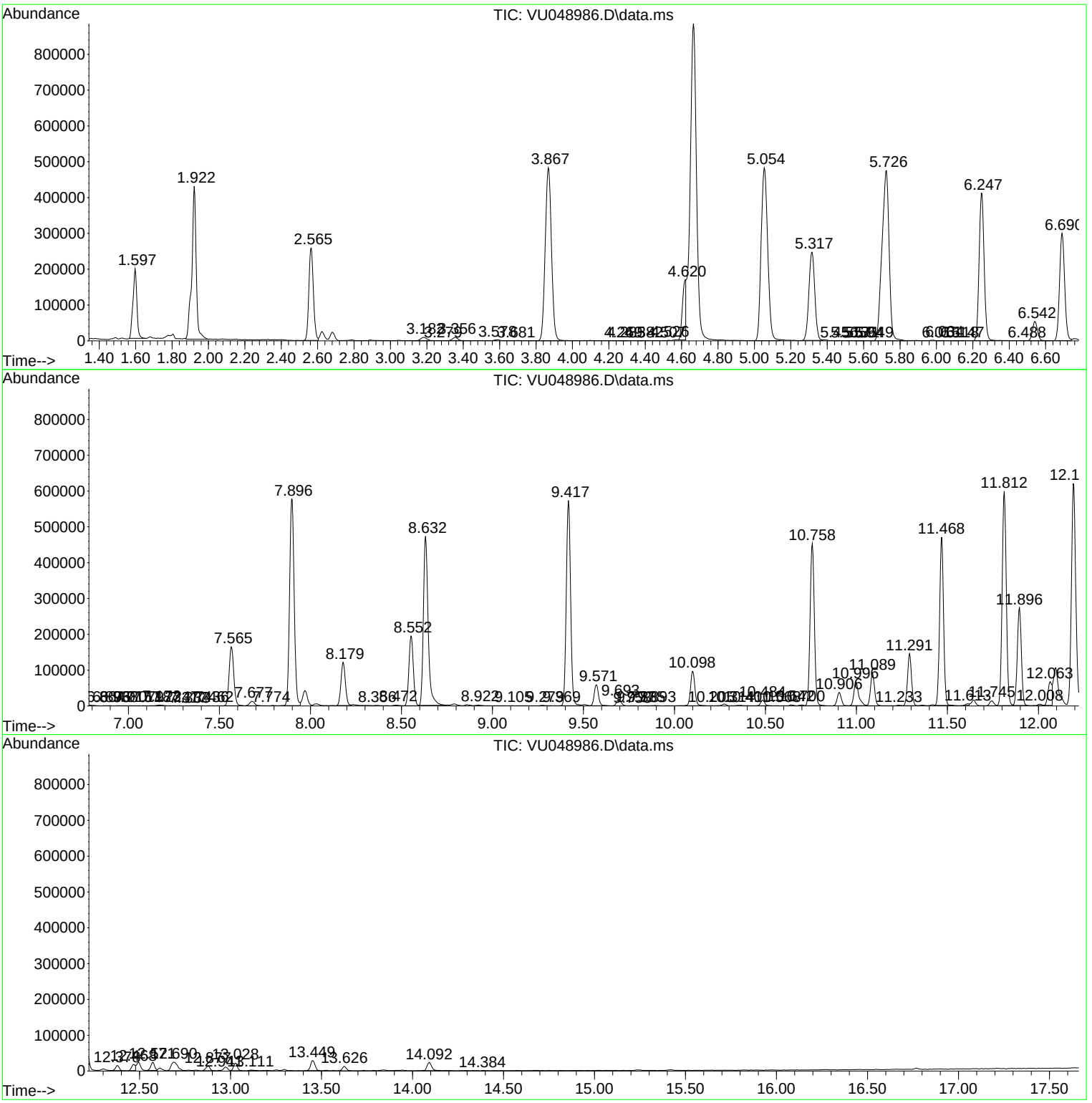
Sample : N3248-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048986.D
Acq On : 09 Jun 2022 19:16
Operator : SY/MD
Sample : N3248-11
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

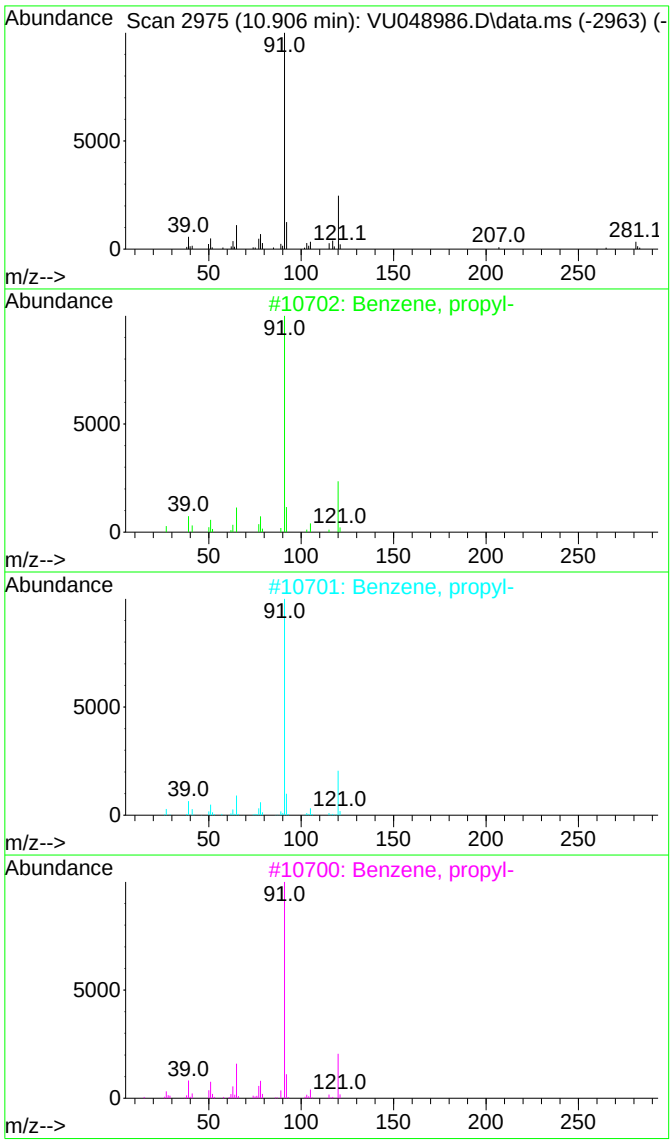
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

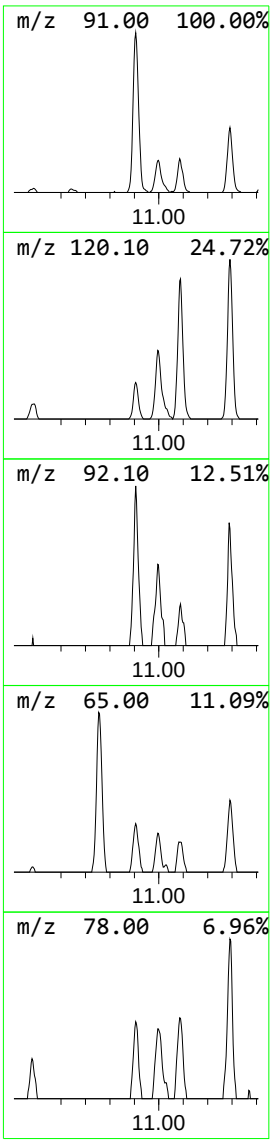
****

Peak Number 2 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	3.19 ug/L	60373	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	Benzene, propyl-	120	C9H12	000103-65-1	74
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048986.D
Acq On : 09 Jun 2022 19:16
Operator : SY/MD
Sample : N3248-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

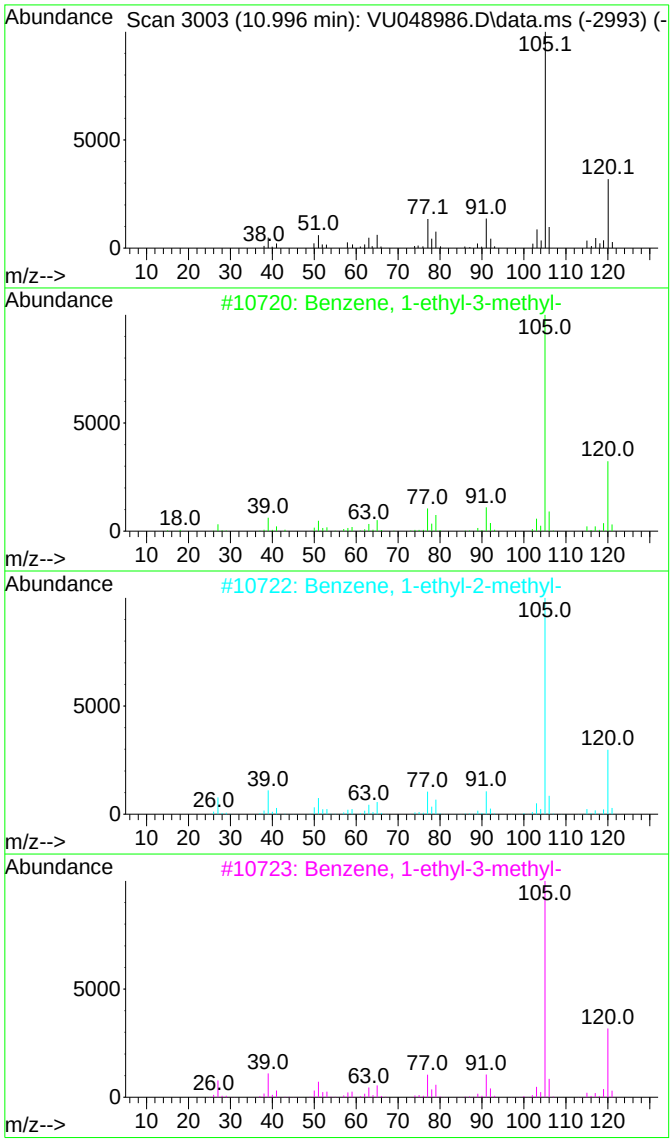
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

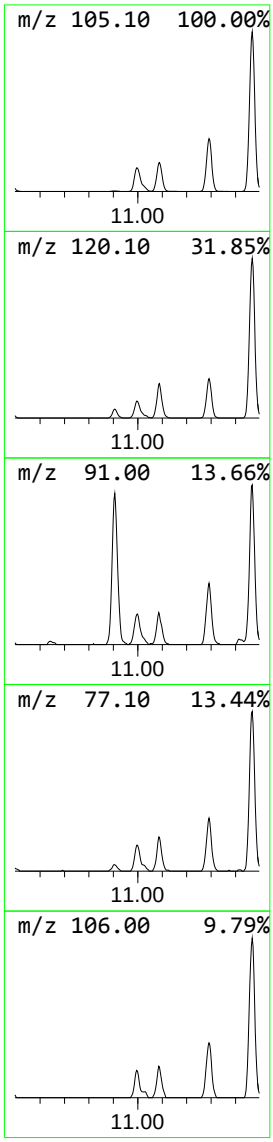
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.996	6.44 ug/L	121867	1,4-Dichlorobenzene-d4	11.812

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_U\Data\VU060922\
Data File : VU048986.D
Acq On : 09 Jun 2022 19:16
Operator : SY/MD
Sample : N3248-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

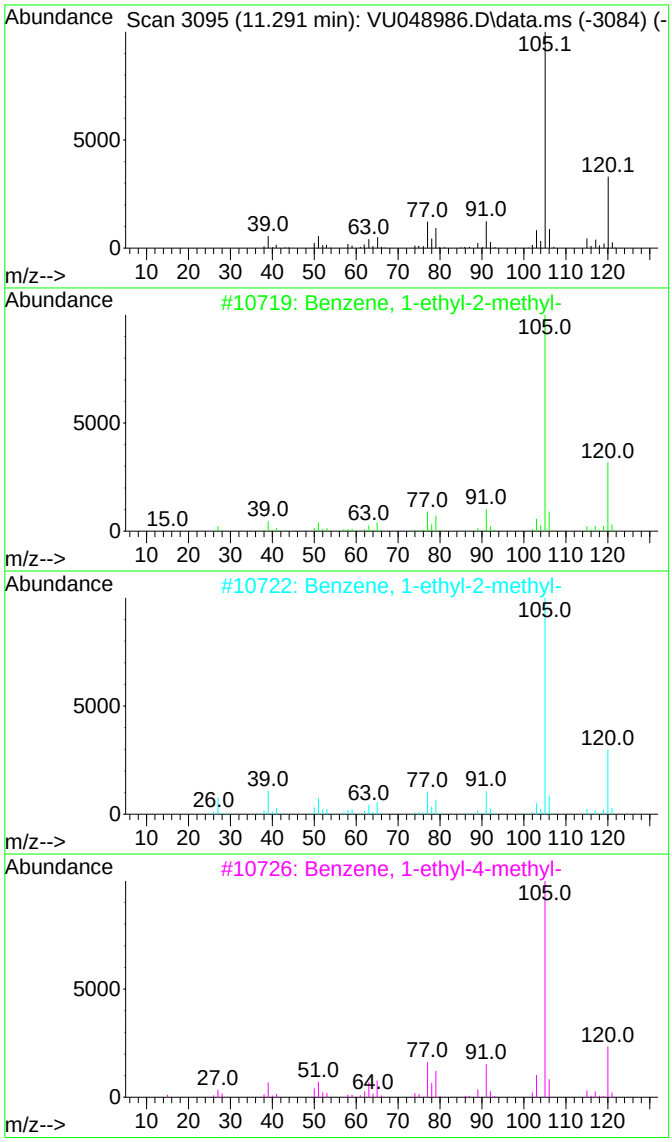
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

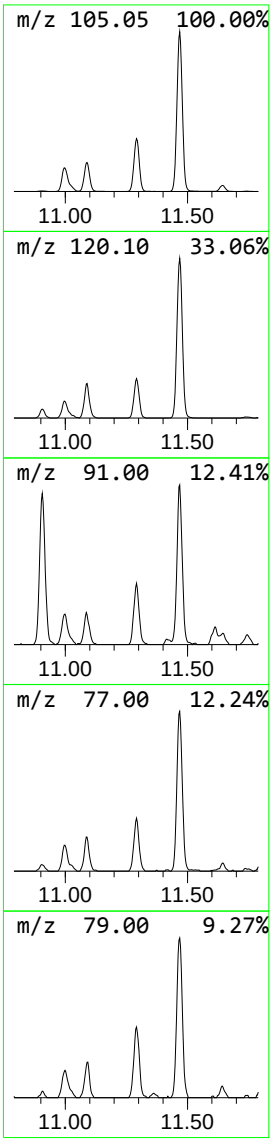
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	11.71 ug/L	221729	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-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048986.D
Acq On : 09 Jun 2022 19:16
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

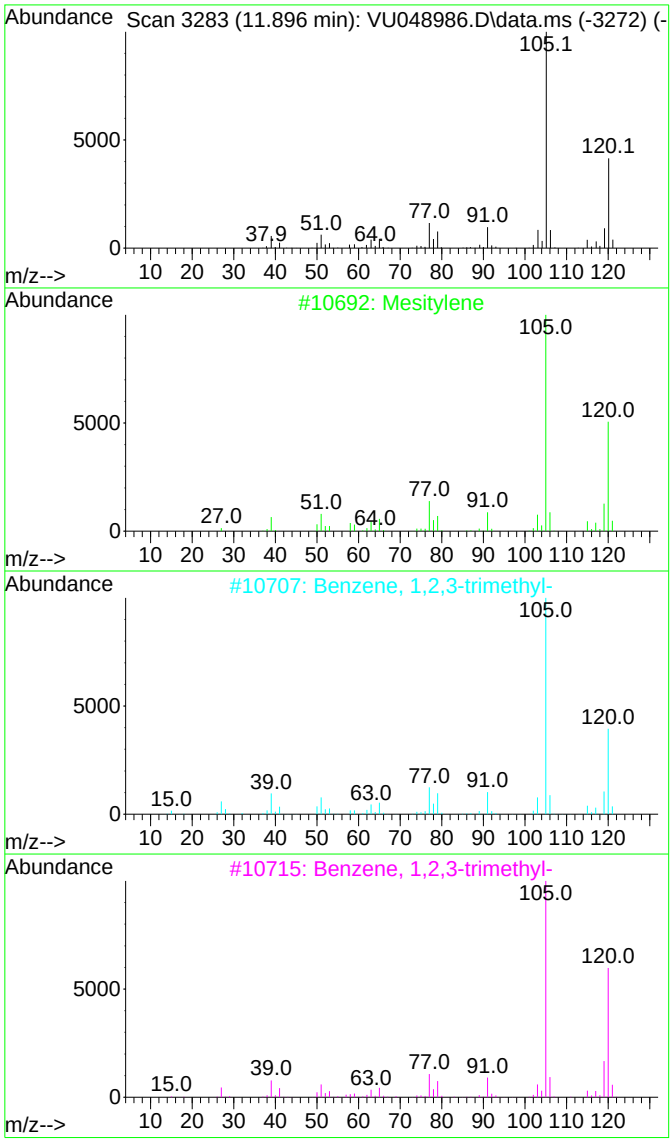
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

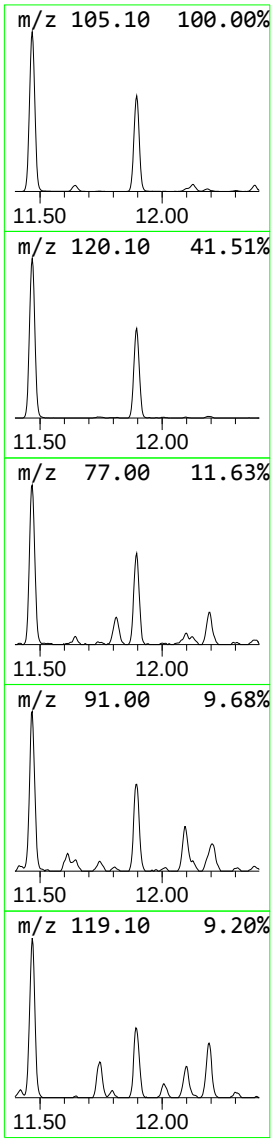
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	22.28 ug/L	421795	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048986.D
Acq On : 09 Jun 2022 19:16
Operator : SY/MD
Sample : N3248-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

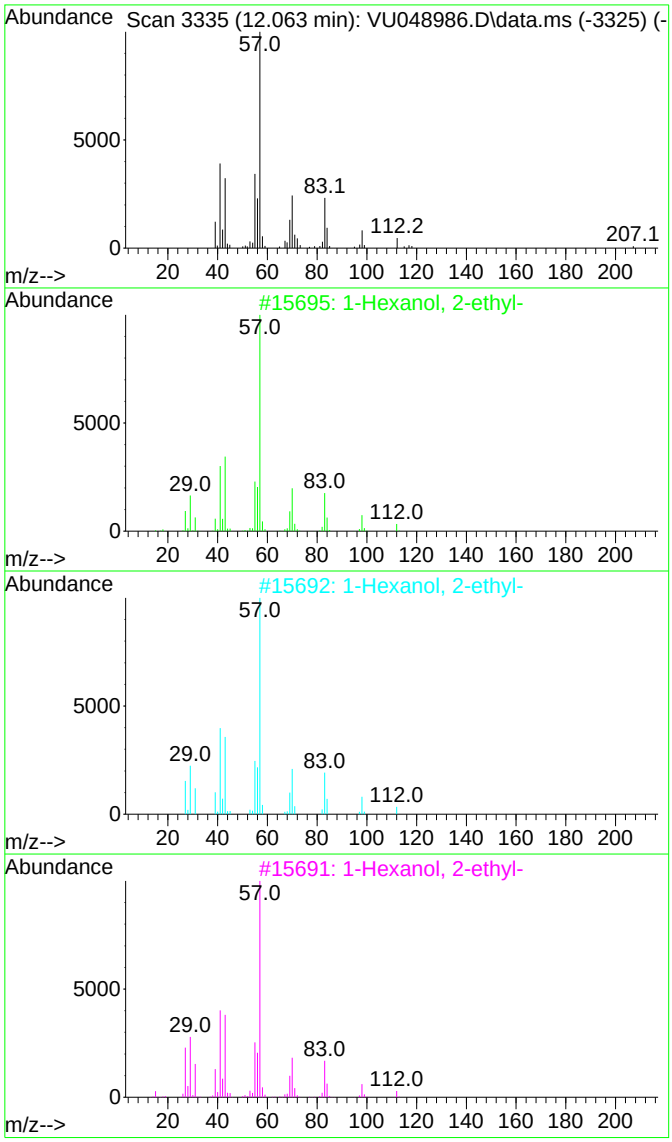
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

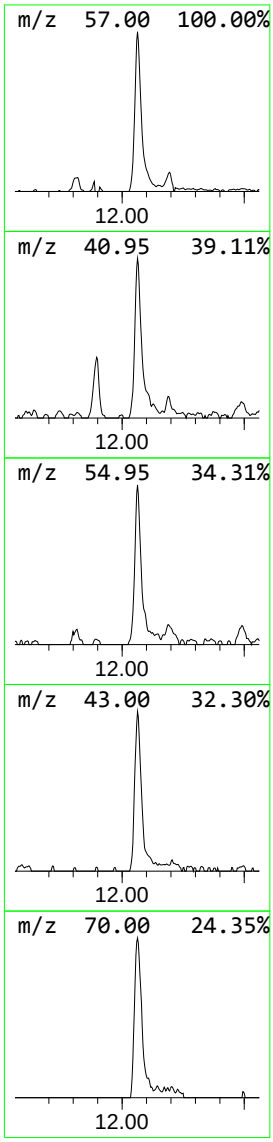
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	5.44 ug/L	102941	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048986.D
Acq On : 09 Jun 2022 19:16
Operator : SY/MD
Sample : N3248-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

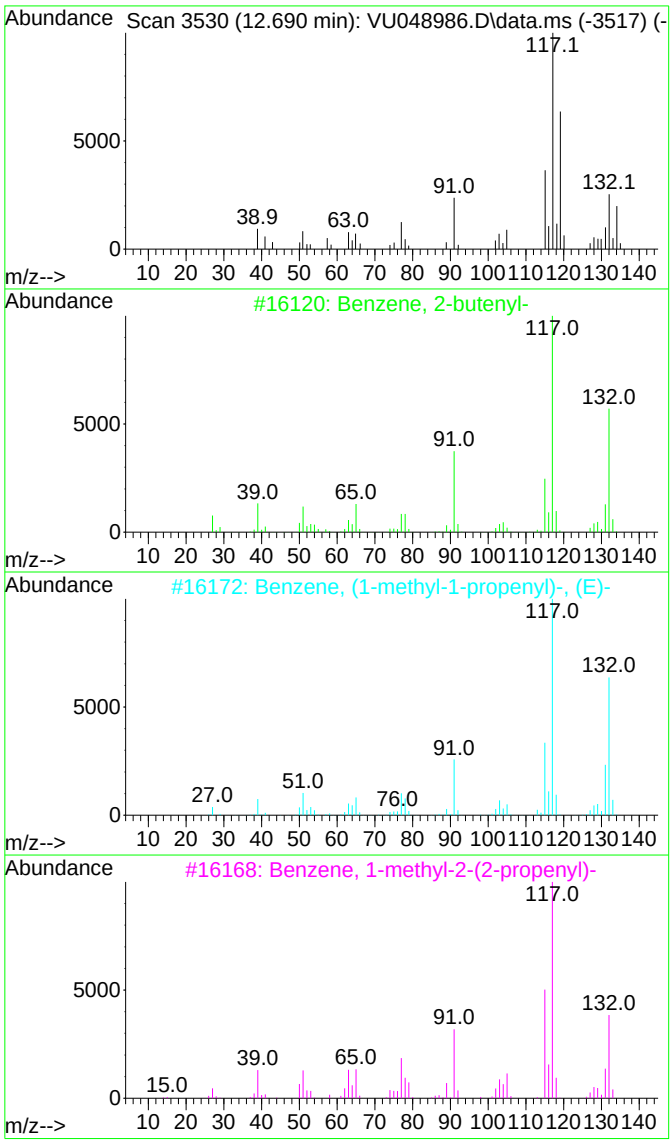
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis

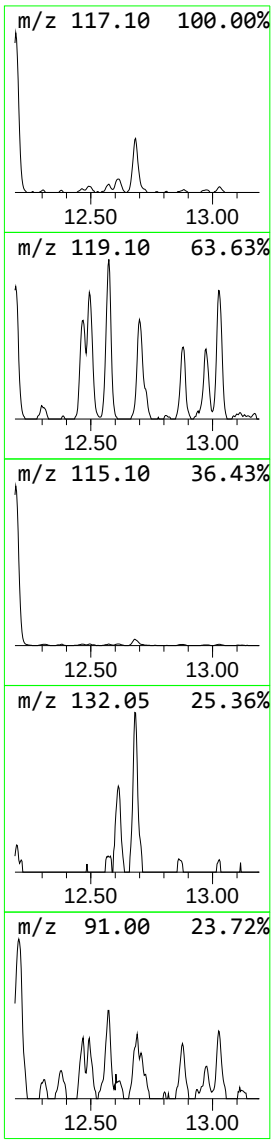
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-butenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.690	3.15 ug/L	59598	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	62
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048986.D
Acq On : 09 Jun 2022 19:16
Operator : SY/MD
Sample : N3248-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.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	3.2	ug/L	60373	3	11.812	946412	50.0
Benzene, 1-ethy...	10.996	6.4	ug/L	121867	3	11.812	946412	50.0
Benzene, 1-ethy...	11.291	11.7	ug/L	221729	3	11.812	946412	50.0
Benzene, 1,2,3-...	11.896	22.3	ug/L	421795	3	11.812	946412	50.0
1-Hexanol, 2-et...	12.063	5.4	ug/L	102941	3	11.812	946412	50.0
Benzene, 2-bute...	12.690	3.1	ug/L	59598	3	11.812	946412	50.0