LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072523\
Data File : VV031742.D
Acq On : 25 Jul 2023 15:17
Operator : SY/MD
Sample : 03712-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y2

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\SFAMVLM072523WMA.M
Title : VOC Analysis

Signal : TIC: VV031742.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	66	74	87	rBV	291018	318918	18.05%	2.217%
2	1.349	92	96	108	rVB	19647	22700	1.28%	0.158%
3	1.532	146	153	167	rVB	249801	294607	16.68%	2.048%
4	2.060	307	317	327	rBV	507270	735471	41.63%	5.112%
5	2.114	328	334	359	rVB	83958	147996	8.38%	1.029%
6	2.526	458	462	464	rBV5	1735	1263	0.07%	0.009%
7	2.568	464	475	489	rBV	66672	133684	7.57%	0.929%
8	2.674	505	508	511	rBV5	1317	947	0.05%	0.007%
9	2.863	563	567	571	rVB7	1587	1119	0.06%	0.008%
10	2.889	571	575	576	rBV4	1457	989	0.06%	0.007%
11	2.934	586	589	595	rVB7	1624	1281	0.07%	0.009%
12	3.063	625	629	631	rBV4	1269	902	0.05%	0.006%
13	3.101	638	641	643	rBV3	1644	1008	0.06%	0.007%
14	3.442	745	747	754	rBV6	1366	1337	0.08%	0.009%
15	3.558	779	783	785	rVB5	1573	1023	0.06%	0.007%
16	3.603	790	797	799	rBV8	2717	3462	0.20%	0.024%
17	3.793	845	856	883	rBV2	132182	398112	22.54%	2.767%
18	4.153	966	968	972	rVB4	1969	984	0.06%	0.007%
19	4.253	983	999	1028	rBV	290363	770941	43.64%	5.358%
20	4.507	1076	1078	1083	rVB5	1211	1062	0.06%	0.007%
21	4.529	1083	1085	1089	rBV4	1312	951	0.05%	0.007%
22	4.748	1151	1153	1158	rVV5	1259	1030	0.06%	0.007%
23	4.828	1176	1178	1184	rVV5	1304	942	0.05%	0.007%
24	4.960	1203	1219	1246	rBV2	670095	1766608	100.00%	12.279%
25	5.384	1349	1351	1355	rVB5	1728	1136	0.06%	0.008%
26	5.416	1355	1361	1365	rBV7	1917	1734	0.10%	0.012%
27	5.539	1386	1399	1419	rBV	414686	861945	48.79%	5.991%
28	5.825	1476	1488	1507	rBV4	45316	100996	5.72%	0.702%
29	5.992	1527	1540	1561	rBV	411454	852167	48.24%	5.923%
30	6.175	1594	1597	1599	rVB3	2070	1270	0.07%	0.009%
31	6.297	1630	1635	1636	rBV6	1731	1292	0.07%	0.009%
32	6.513	1690	1702	1718	rBV3	69523	146717	8.31%	1.020%
33	6.738	1770	1772	1777	rVV5	1298	1115	0.06%	0.008%
34	6.799	1787	1791	1795	rVB6	1642	1318	0.07%	0.009%
35	6.918	1815	1828	1849	rBV2	167941	331783	18.78%	2.306%
36	7.117	1884	1890	1891	rBV6	2594	2212	0.13%	0.015%

LSC Area Percent Report

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Operator : SY/MD
Sample : 03712-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y2

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\SFAMVLM072523WMA.M
Title : VOC Analysis

37	7.249	1919	1931	1963	rBV	680365	1249603	70.73%	8.685%
38	7.558	2017	2027	2043	rBV	130139	229420	12.99%	1.595%
39	7.748	2082	2086	2087	rBV3	1538	1055	0.06%	0.007%
40	7.757	2087	2089	2092	rVV3	1588	924	0.05%	0.006%
41	7.873	2117	2125	2133	rBV10	6817	12433	0.70%	0.086%
42	8.030	2164	2174	2187	rBV	391476	721979	40.87%	5.018%
43	8.548	2330	2335	2338	rVB7	1420	1411	0.08%	0.010%
44	8.596	2346	2350	2354	rVB6	1629	1333	0.08%	0.009%
45	8.629	2354	2360	2362	rBV6	1577	1341	0.08%	0.009%
46	8.661	2365	2370	2373	rVB6	1629	1469	0.08%	0.010%
47	8.709	2379	2385	2388	rBV4	1109	1461	0.08%	0.010%
48	8.789	2398	2410	2439	rBV	688960	1141116	64.59%	7.931%
49	9.024	2481	2483	2488	rVB5	1443	1111	0.06%	0.008%
50	9.088	2497	2503	2504	rBV6	2222	2283	0.13%	0.016%
51	9.198	2532	2537	2538	rBV5	1143	857	0.05%	0.006%
52	9.297	2566	2568	2573	rBV5	1639	1381	0.08%	0.010%
53	9.423	2605	2607	2612	rVB3	1236	1060	0.06%	0.007%
54	9.551	2644	2647	2649	rBV5	1696	1008	0.06%	0.007%
55	9.567	2649	2652	2658	rVB7	2607	2293	0.13%	0.016%
56	9.600	2658	2662	2666	rBV6	1486	1355	0.08%	0.009%
57	9.725	2694	2701	2707	rBV9	4681	6975	0.39%	0.048%
58	9.895	2742	2754	2763	rBV9	7241	13898	0.79%	0.097%
59	9.976	2775	2779	2782	rVB5	1019	919	0.05%	0.006%
60	10.056	2802	2804	2808	rVB4	1929	1143	0.06%	0.008%
61	10.075	2808	2810	2813	rBV3	1625	1157	0.07%	0.008%
62	10.159	2823	2836	2855	rBV	506198	809768	45.84%	5.628%
63	10.284	2873	2875	2880	rBV5	1567	1326	0.08%	0.009%
64	10.329	2880	2889	2898	rBV5	5862	11202	0.63%	0.078%
65	10.387	2904	2907	2908	rBV3	2047	1080	0.06%	0.008%
66	10.564	2956	2962	2963	rBV6	3749	3249	0.18%	0.023%
67	10.612	2972	2977	2979	rBV5	1438	1172	0.07%	0.008%
68	10.693	2996	3002	3003	rVV4	1744	1521	0.09%	0.011%
69	10.712	3003	3008	3014	rVV6	4718	6096	0.35%	0.042%
70	10.741	3014	3017	3020	rVB4	1387	1055	0.06%	0.007%
71	10.908	3063	3069	3074	rBV8	2727	3181	0.18%	0.022%
72	10.934	3074	3077	3082	rVB6	1718	1191	0.07%	0.008%
73	10.998	3093	3097	3098	rBV4	4721	3431	0.19%	0.024%
74	11.133	3121	3139	3146	rBV8	23402	44396	2.51%	0.309%
75	11.191	3146	3157	3176	rVB	692706	1091381	61.78%	7.586%
76	11.300	3184	3191	3206	rVB	8073	17721	1.00%	0.123%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y2

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 >
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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Title : VOC Analysis

77	11.381	3213	3216	3219	rVV4	1264	1036	0.06%	0.007%
78	11.493	3243	3251	3263	rVV4	14671	30878	1.75%	0.215%
79	11.564	3263	3273	3293	rVB	745583	1169710	66.21%	8.130%
80	11.735	3323	3326	3329	rBV5	1776	1060	0.06%	0.007%
81	11.751	3329	3331	3337	rVV7	1548	1369	0.08%	0.010%
82	11.844	3353	3360	3369	rBV7	5112	7924	0.45%	0.055%
83	11.944	3378	3391	3407	rBV	204368	340205	19.26%	2.365%
84	12.252	3477	3487	3500	rBV2	129605	200356	11.34%	1.393%
85	12.497	3560	3563	3567	rBV6	1537	1405	0.08%	0.010%
86	12.879	3679	3682	3684	rBV4	1607	1298	0.07%	0.009%
87	13.014	3722	3724	3727	rBV4	1286	995	0.06%	0.007%
88	13.175	3770	3774	3777	rBV4	1731	1102	0.06%	0.008%
89	13.230	3780	3791	3793	rBV10	4626	6671	0.38%	0.046%
90	13.329	3819	3822	3824	rBV4	2139	1678	0.09%	0.012%
91	13.426	3845	3852	3866	rVB4	11544	20217	1.14%	0.141%
92	13.561	3891	3894	3896	rBV4	1540	984	0.06%	0.007%
93	13.757	3951	3955	3957	rBV4	1794	1247	0.07%	0.009%
94	13.873	3975	3991	4012	rBV	156522	271530	15.37%	1.887%
95	14.017	4034	4036	4039	rBV5	1940	1022	0.06%	0.007%
96	14.207	4089	4095	4098	rBV7	1844	2009	0.11%	0.014%
97	14.648	4229	4232	4236	rBV6	1398	883	0.05%	0.006%
98	14.857	4296	4297	4304	rBV6	1478	1426	0.08%	0.010%
99	15.066	4355	4362	4370	rBV8	9770	13081	0.74%	0.091%
100	15.281	4427	4429	4434	rVB6	2577	1790	0.10%	0.012%

Sum of corrected areas: 14387653

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072523\
Data File : VV031742.D
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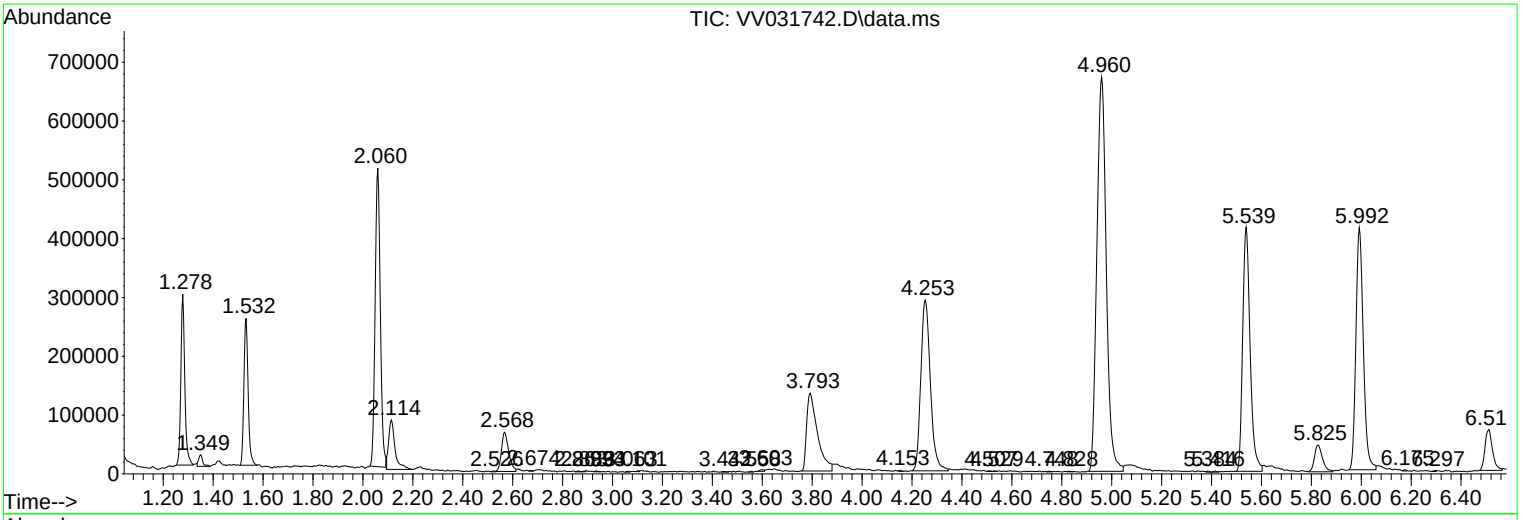
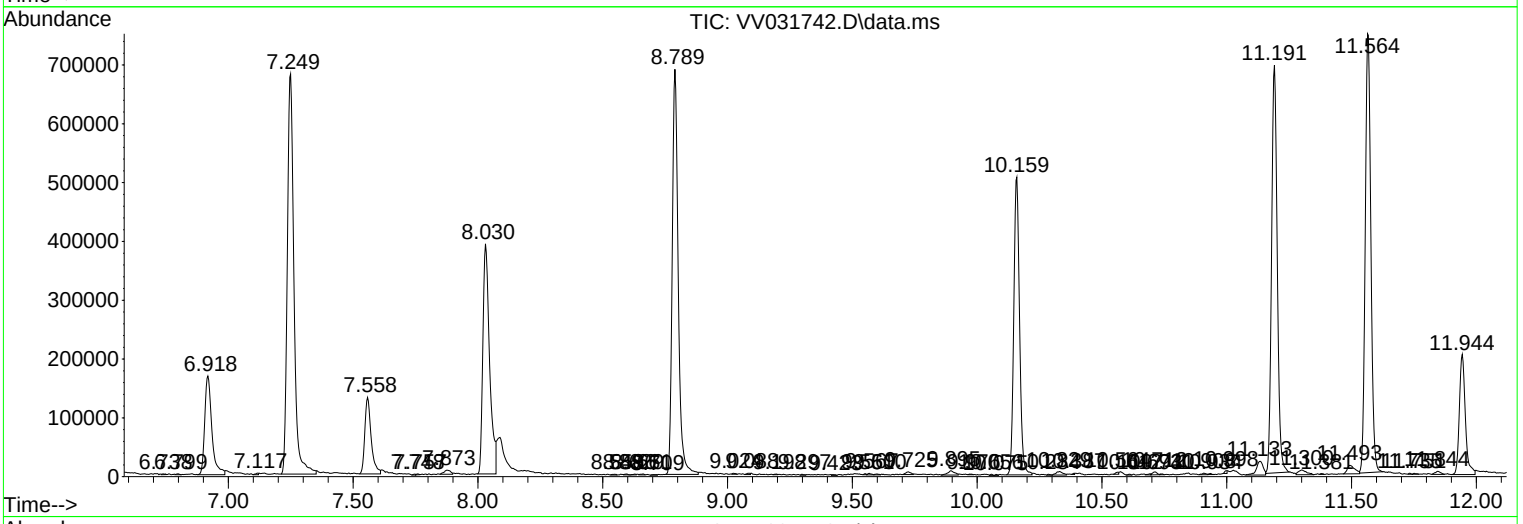
ALS Vial : 14 Sample Multiplier: 1

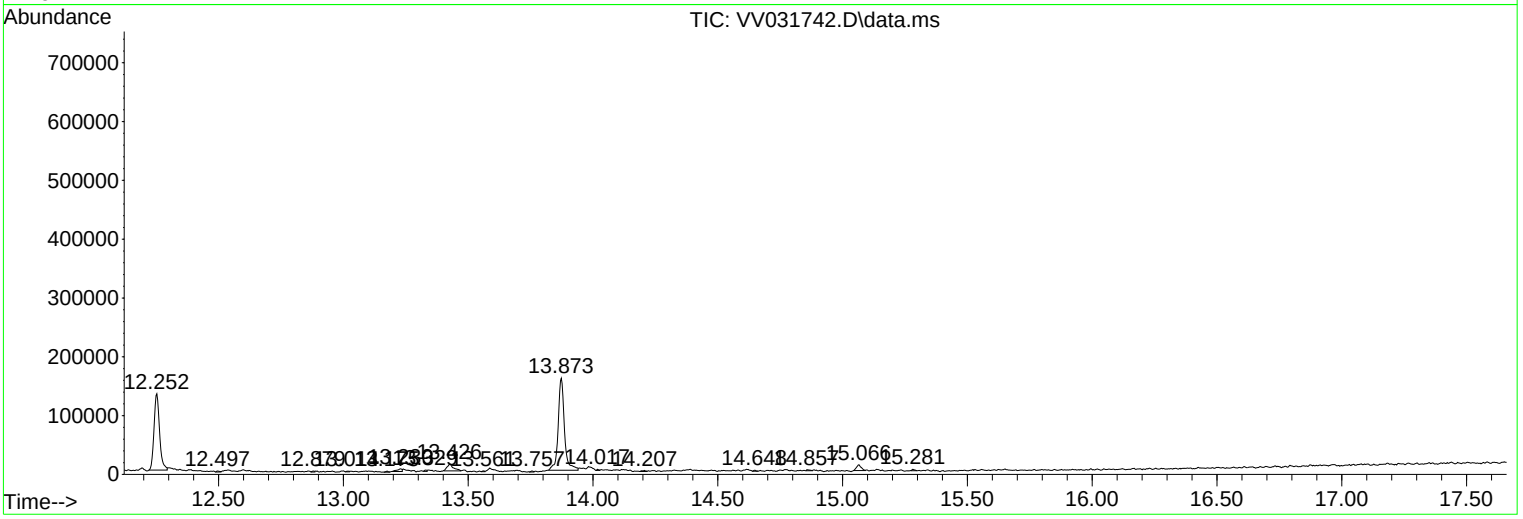
Instrument :
MSVOA_V
ClientSampleId :
BH2Y2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072523\
Data File : VV031742.D
Acq On : 25 Jul 2023 15:17
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

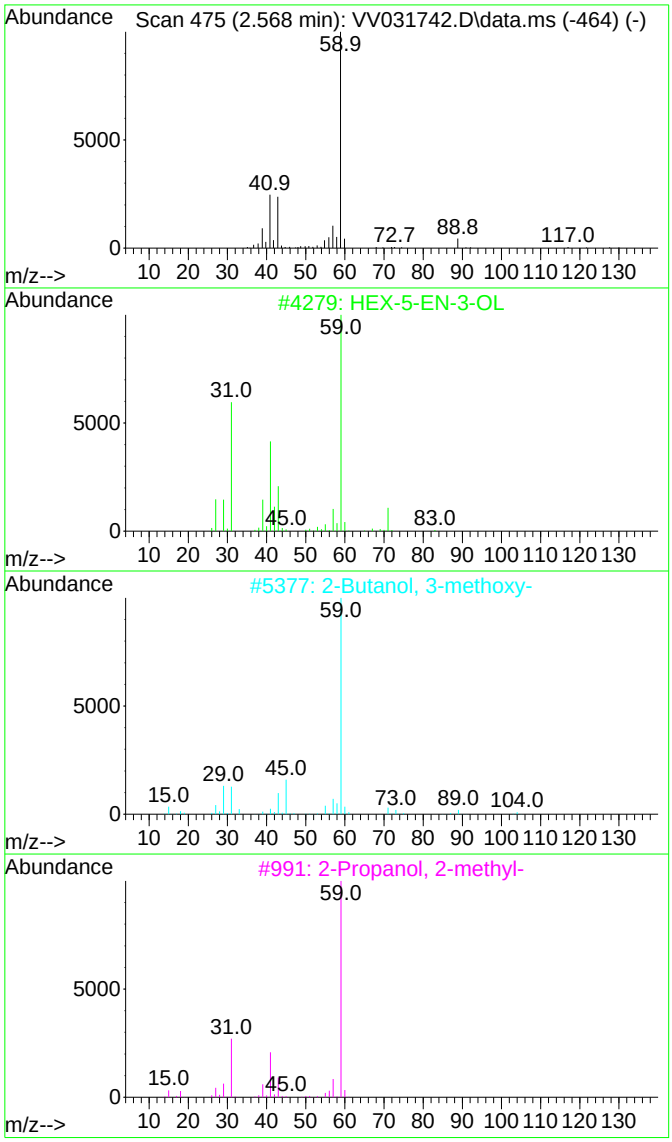
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

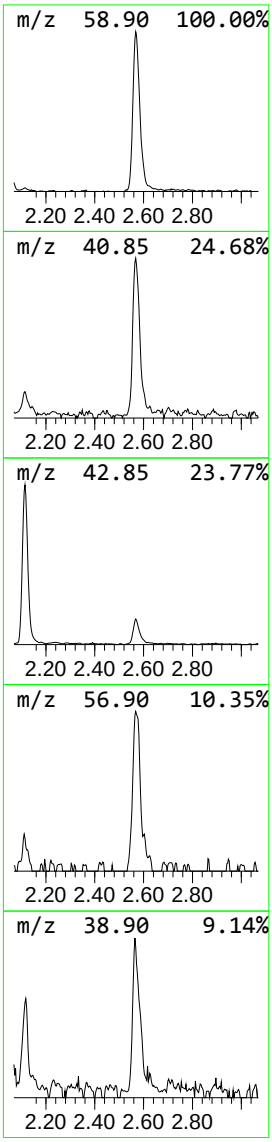
****

Peak Number 1 HEX-5-EN-3-OL Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.568	7.75 ug/L	133684	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	HEX-5-EN-3-OL	100	C6H12O	000688-99-3	72
2	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	64
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
4	3-Pentanol	88	C5H12O	000584-02-1	56
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072523\
Data File : VV031742.D
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y2

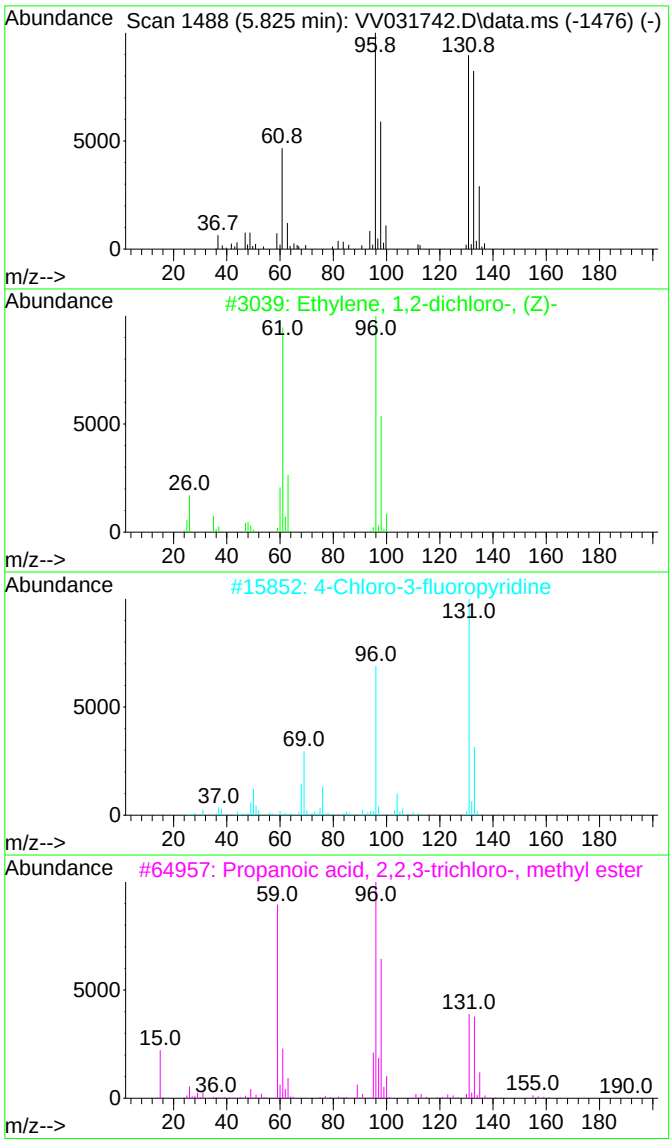
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

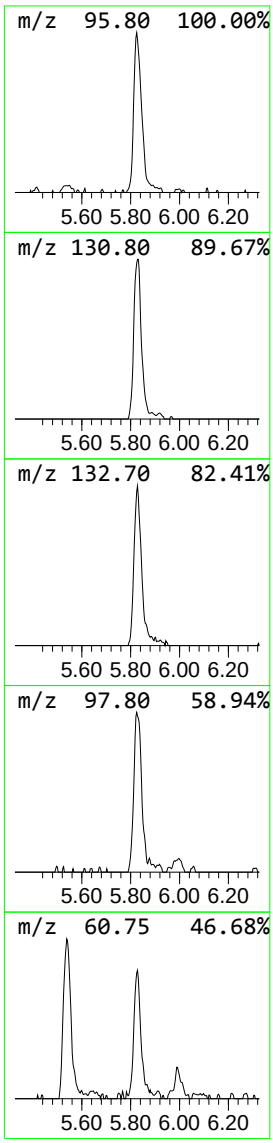
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.825	5.86 ug/L	100996	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	38
3	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
5	2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072523\
Data File : VV031742.D
Acq On : 25 Jul 2023 15:17
Operator : SY/MD
Sample : 03712-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y2

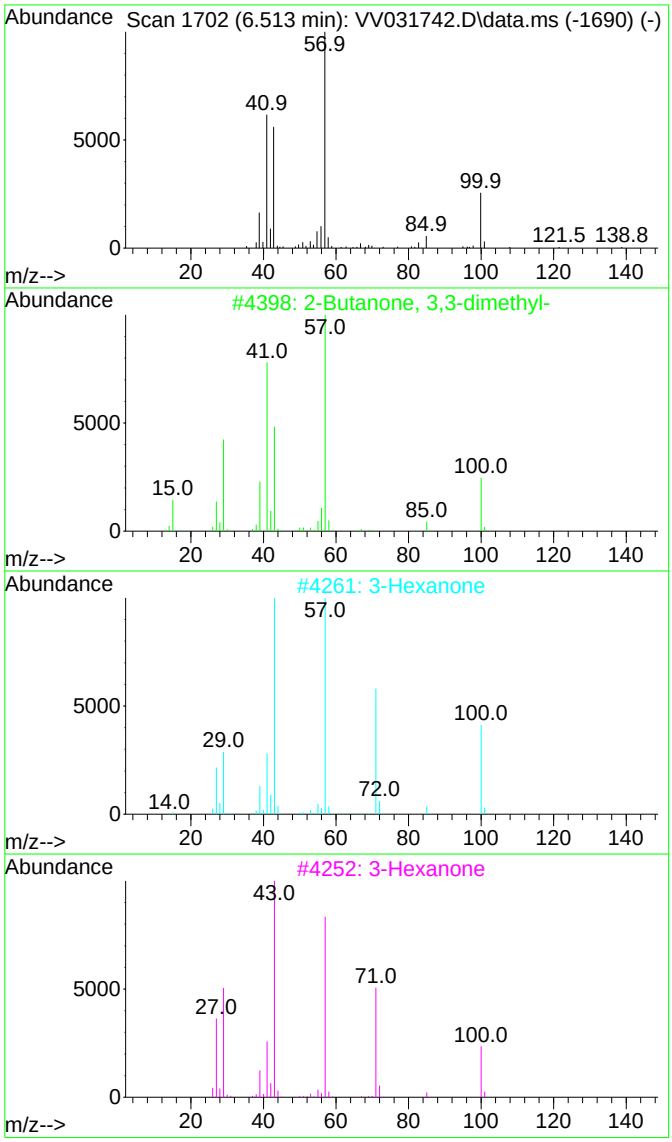
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

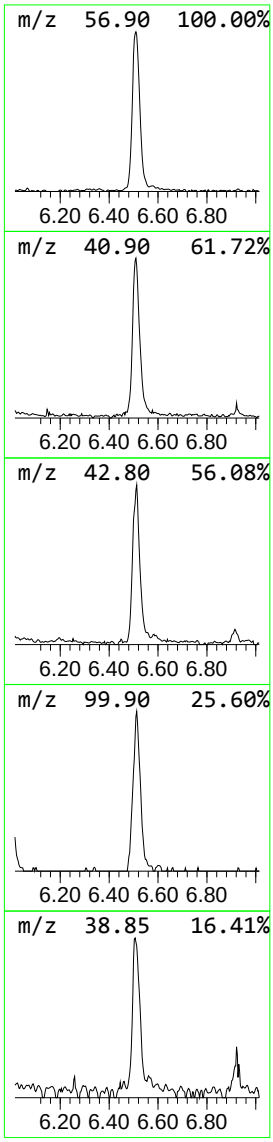
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Butanone, 3,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.513	8.51 ug/L	146717	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	90
2	3-Hexanone	100	C6H12O	000589-38-8	72
3	3-Hexanone	100	C6H12O	000589-38-8	64
4	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	59
5	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072523\
Data File : VV031742.D
Acq On : 25 Jul 2023 15:17
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y2

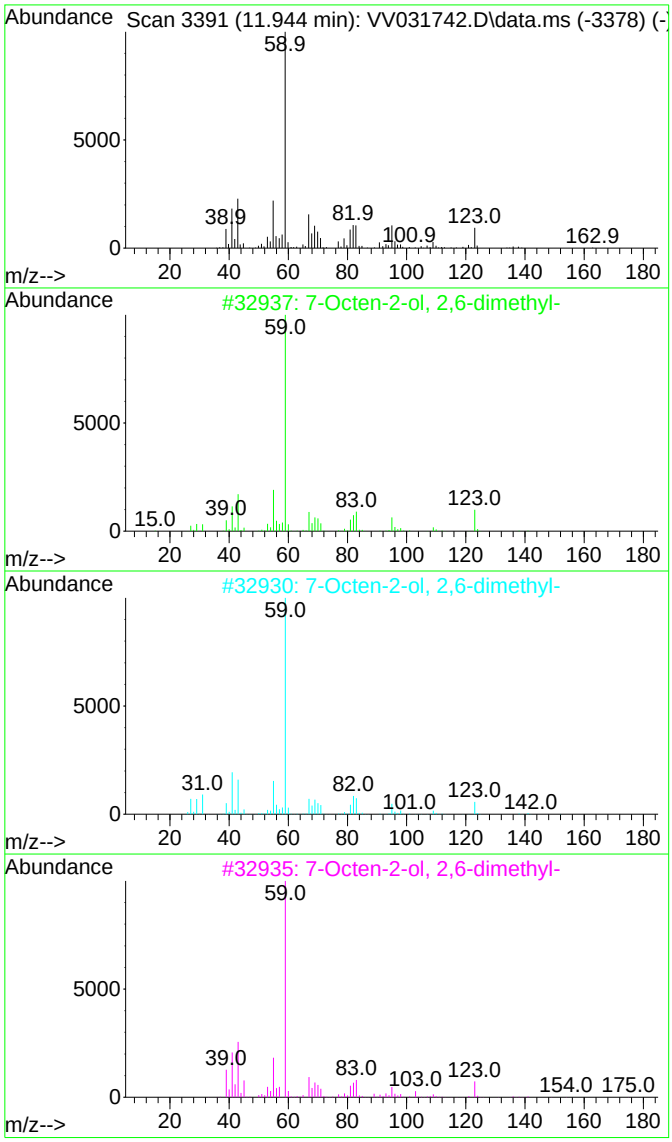
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

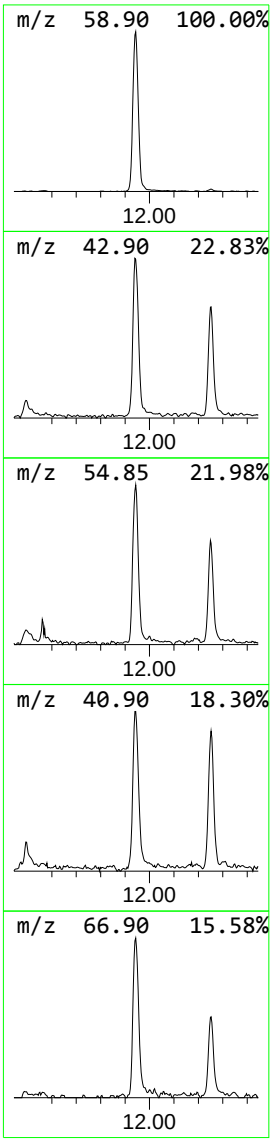
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.944	15.59 ug/L	340205	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	90
2	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	72
3	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	72
4	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	56
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072523\
Data File : VV031742.D
Acq On : 25 Jul 2023 15:17
Operator : SY/MD
Sample : 03712-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y2

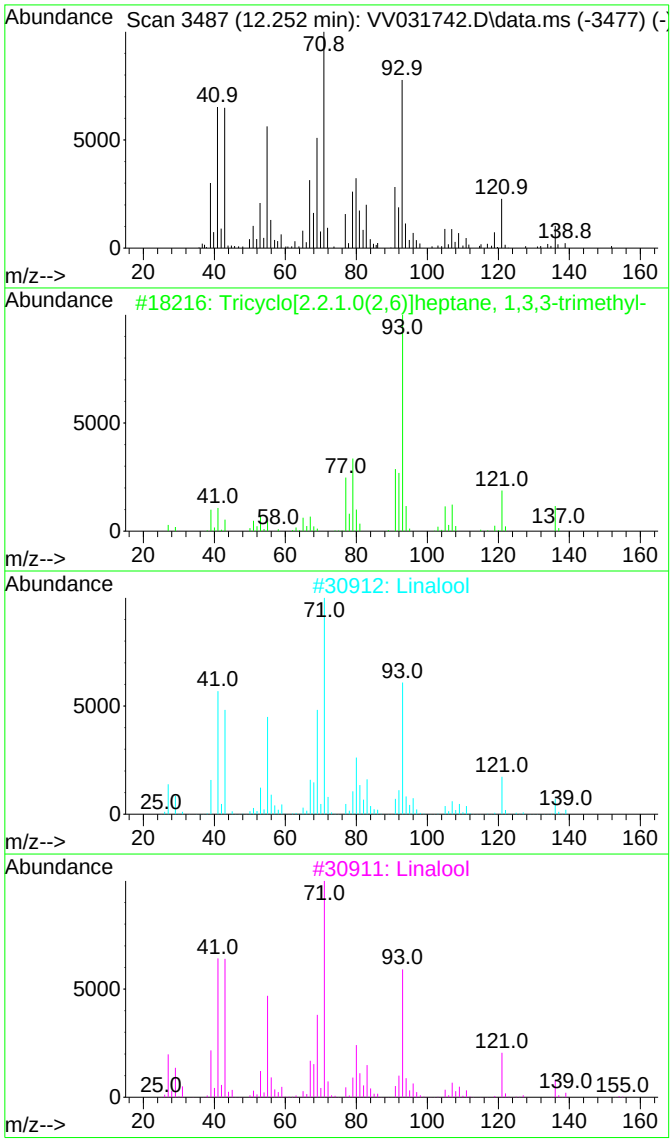
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

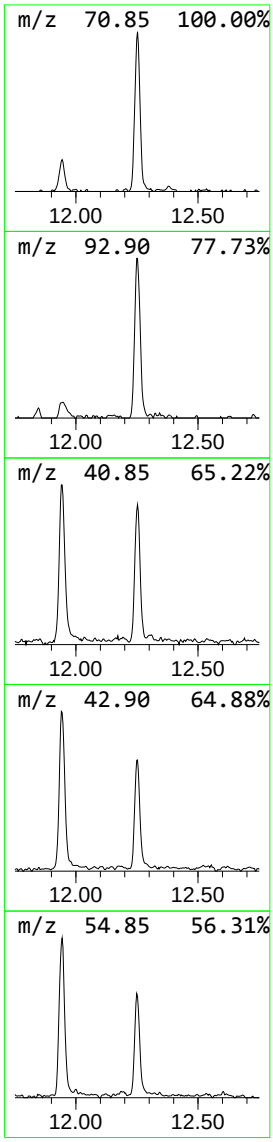
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.252	9.18 ug/L	200356	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	83
2	Linalool	154	C10H18O	000078-70-6	74
3	Linalool	154	C10H18O	000078-70-6	72
4	Linalool	154	C10H18O	000078-70-6	72
5	Linalool	154	C10H18O	000078-70-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072523\
Data File : VV031742.D
Acq On : 25 Jul 2023 15:17
Operator : SY/MD
Sample : 03712-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

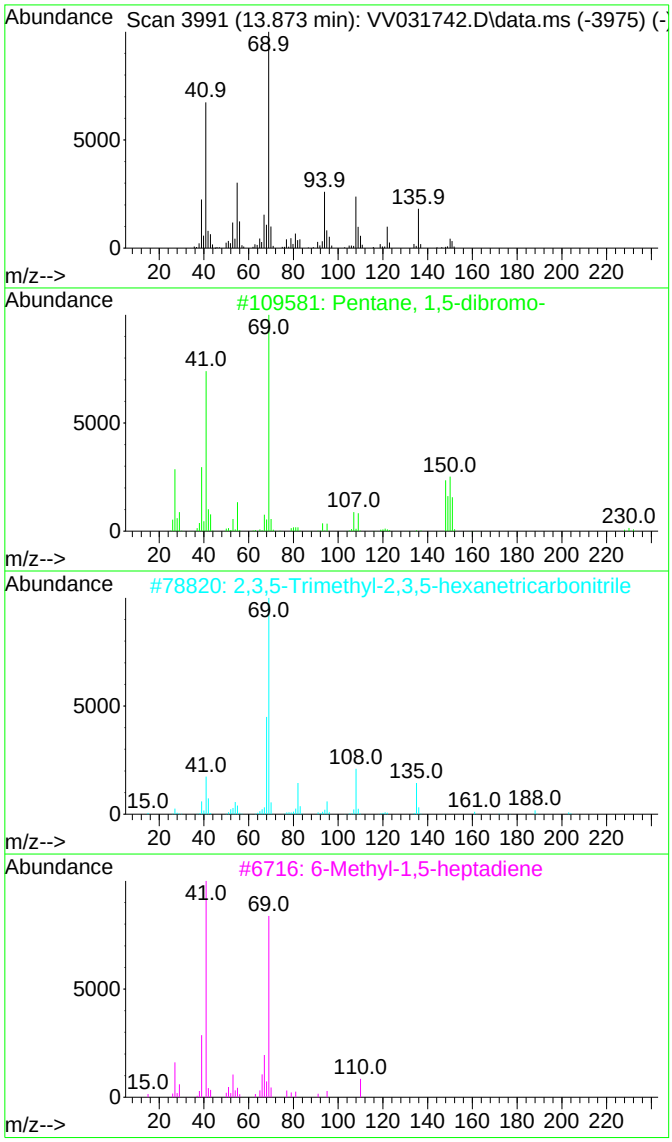
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

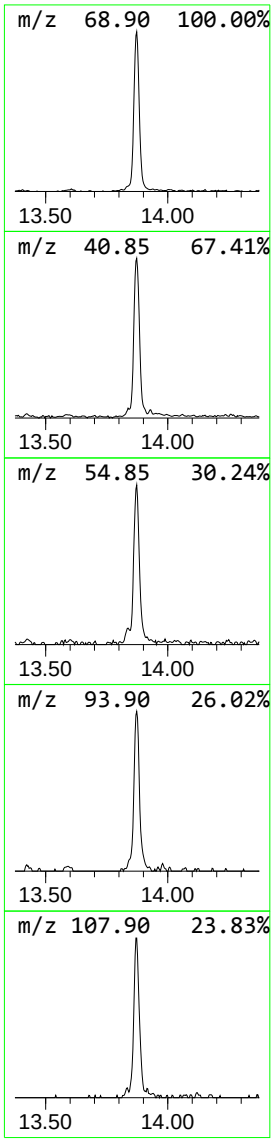
****

Peak Number 7 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	12.44 ug/L	271530	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 1,5-dibromo-	228	C5H10Br2	000111-24-0	43
2	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	40
3	6-Methyl-1,5-heptadiene	110	C8H14	007270-50-0	38
4	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	38
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072523\
Data File : VV031742.D
Acq On : 25 Jul 2023 15:17
Operator : SY/MD
Sample : 03712-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.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
HEX-5-EN-3-OL	2.568	7.8	ug/L	133684	1	5.539	861945	50.0
unknown-01	5.825	5.9	ug/L	100996	1	5.539	861945	50.0
2-Butanone, 3,3...	6.513	8.5	ug/L	146717	1	5.539	861945	50.0
7-Octen-2-ol, 2...	11.944	15.6	ug/L	340205	3	11.191	1091380	50.0
Tricyclo[2.2.1....	12.252	9.2	ug/L	200356	3	11.191	1091380	50.0
unknown-02	13.873	12.4	ug/L	271530	3	11.191	1091380	50.0