LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
Data File : VY006053.D
Acq On : 16 Sep 2021 17:15
Operator : SY/MD
Sample : M3762-01
Misc : 6.84G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 11934

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\82Y091421S.M
Title : SW846 8260

Signal : TIC: VY006053.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.869	4	8	18	rVB2	19562	34536	1.61%	0.289%
2	3.954	342	350	361	rBV	9992	26695	1.25%	0.224%
3	4.728	466	477	487	rBV4	8583	29507	1.38%	0.247%
4	7.722	958	968	974	rBV	123440	296081	13.82%	2.482%
5	7.795	974	980	990	rVB	193062	433925	20.25%	3.637%
6	8.149	1028	1038	1050	rVB	150631	341708	15.95%	2.864%
7	8.697	1119	1128	1139	rBV	337337	667773	31.16%	5.597%
8	9.185	1198	1208	1216	rBV2	11768	25360	1.18%	0.213%
9	10.185	1363	1372	1379	rBV	579178	1010645	47.17%	8.471%
10	11.282	1544	1552	1562	rVB4	7067	21914	1.02%	0.184%
11	11.489	1579	1586	1597	rBV	581523	942867	44.00%	7.903%
12	11.593	1597	1603	1613	rBV	337314	525547	24.53%	4.405%
13	11.709	1617	1622	1626	rBV2	16524	27295	1.27%	0.229%
14	12.032	1664	1675	1682	rBV4	44076	121078	5.65%	1.015%
15	12.123	1686	1690	1694	rVB	15321	21829	1.02%	0.183%
16	12.203	1697	1703	1706	rBV4	16310	28504	1.33%	0.239%
17	12.245	1706	1710	1715	rVB3	17930	31733	1.48%	0.266%
18	12.331	1718	1724	1729	rBV	88379	134177	6.26%	1.125%
19	12.483	1743	1749	1758	rBV2	670793	1165957	54.41%	9.773%
20	12.672	1771	1780	1785	rVB	111940	198044	9.24%	1.660%
21	12.733	1785	1790	1792	rBV3	16008	25405	1.19%	0.213%
22	12.770	1792	1796	1798	rVV	25530	43486	2.03%	0.364%
23	12.812	1798	1803	1808	rVV3	60516	114675	5.35%	0.961%
24	12.971	1821	1829	1837	rBV	152173	268260	12.52%	2.248%
25	13.038	1837	1840	1848	rVV7	24955	48388	2.26%	0.406%
26	13.117	1849	1853	1858	rVB3	15728	28730	1.34%	0.241%
27	13.239	1868	1873	1878	rBV6	31231	62246	2.90%	0.522%
28	13.318	1878	1886	1889	rBV4	35960	75211	3.51%	0.630%
29	13.428	1898	1904	1906	rBV	598026	924377	43.14%	7.748%
30	13.459	1906	1909	1913	rVV	399189	564448	26.34%	4.731%
31	13.495	1913	1915	1924	rVB2	62686	86696	4.05%	0.727%
32	13.629	1927	1937	1942	rBV	1377957	2142768	100.00%	17.960%
33	13.751	1951	1957	1961	rBV3	45129	77054	3.60%	0.646%
34	13.806	1961	1966	1973	rVV2	228555	385728	18.00%	3.233%
35	13.916	1976	1984	1987	rVV6	12555	31522	1.47%	0.264%
36	13.971	1987	1993	1998	rVB2	97957	146977	6.86%	1.232%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
Data File : VY006053.D
Acq On : 16 Sep 2021 17:15
Operator : SY/MD
Sample : M3762-01
Misc : 6.84G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 11934

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\82Y091421S.M
Title : SW846 8260

37	14.032	1998	2003	2006	rBV	17591	27754	1.30%	0.233%
38	14.080	2006	2011	2016	rVB	72802	112324	5.24%	0.941%
39	14.135	2016	2020	2027	rVB7	11206	26857	1.25%	0.225%
40	14.215	2027	2033	2037	rBV2	28801	47091	2.20%	0.395%
41	14.257	2037	2040	2043	rBV3	17818	30682	1.43%	0.257%
42	14.294	2043	2046	2050	rVV2	30793	47167	2.20%	0.395%
43	14.336	2050	2053	2056	rVB	17793	22011	1.03%	0.184%
44	14.379	2056	2060	2063	rBV3	19635	29709	1.39%	0.249%
45	14.422	2063	2067	2070	rVB4	15809	22087	1.03%	0.185%
46	14.568	2087	2091	2095	rBV3	16626	27361	1.28%	0.229%
47	14.678	2103	2109	2115	rBV3	65633	148075	6.91%	1.241%
48	14.733	2115	2118	2125	rVB5	15638	29907	1.40%	0.251%
49	14.830	2130	2134	2139	rVV	26265	37443	1.75%	0.314%
50	15.056	2165	2171	2177	rVB2	18466	38985	1.82%	0.327%
51	15.233	2190	2200	2206	rBV	95689	172193	8.04%	1.443%

Sum of corrected areas: 11930792

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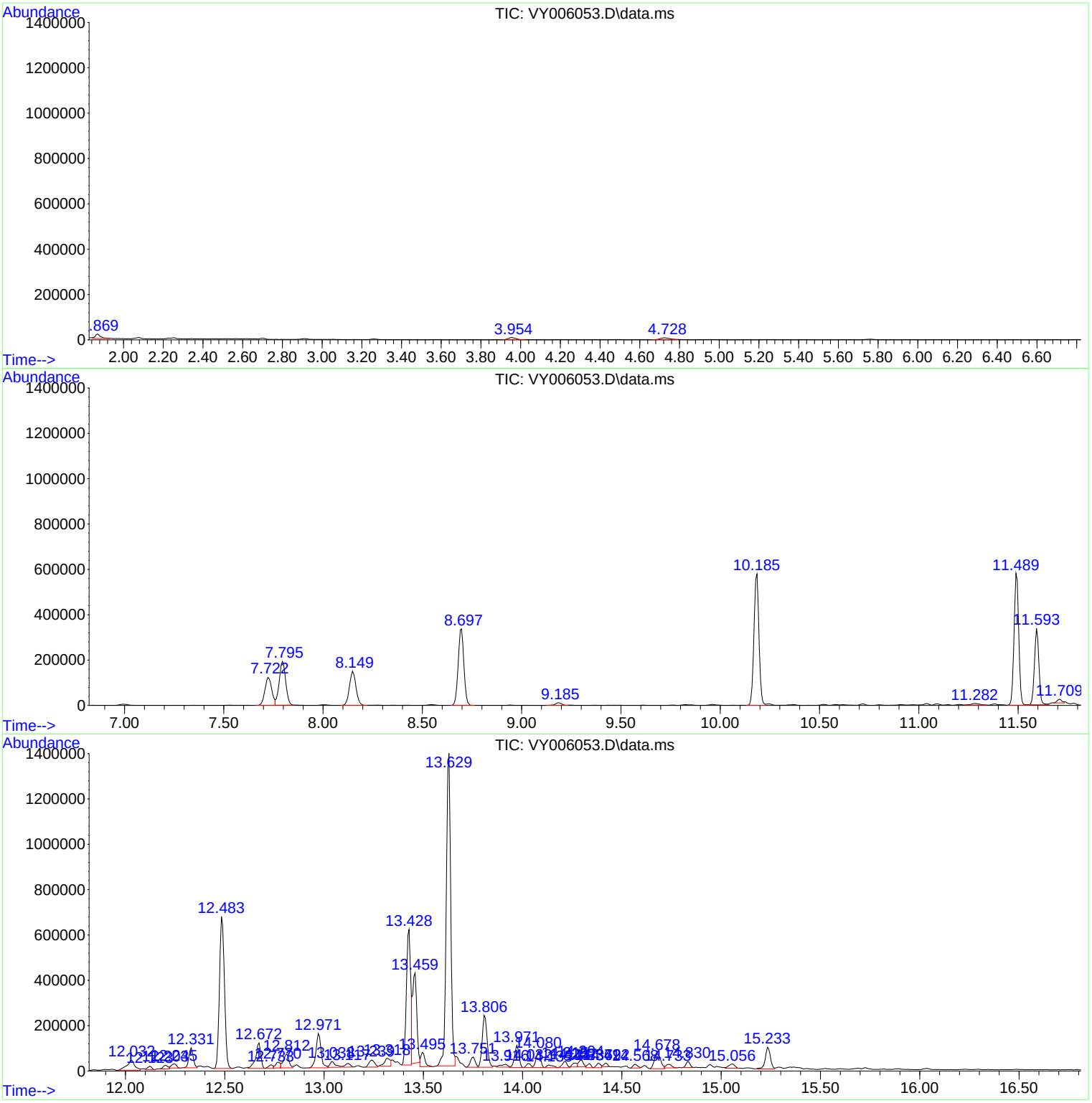
Misc : 6.84G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11934

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
Data File : VY006053.D
Acq On : 16 Sep 2021 17:15
Operator : SY/MD
Sample : M3762-01
Misc : 6.84G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11934

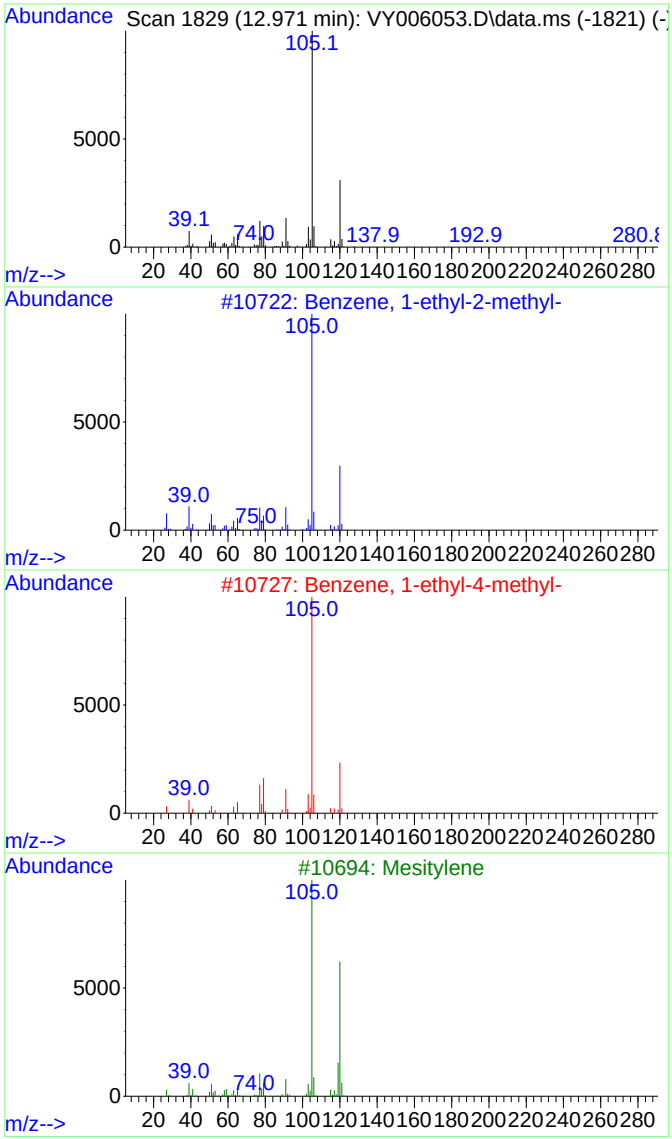
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

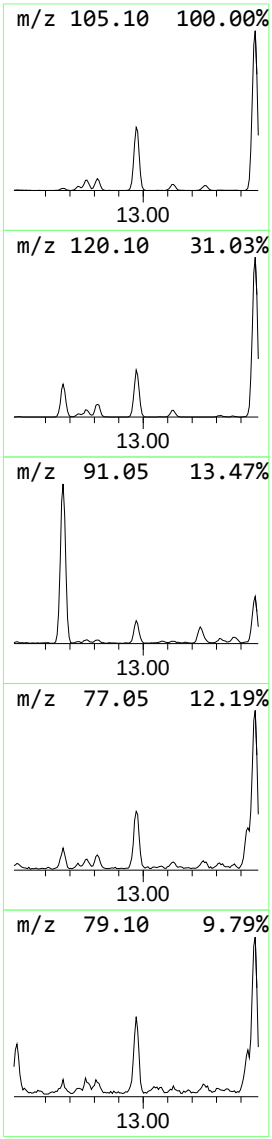
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	14.51 ug/l	268260	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
Data File : VY006053.D
Acq On : 16 Sep 2021 17:15
Operator : SY/MD
Sample : M3762-01
Misc : 6.84G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11934

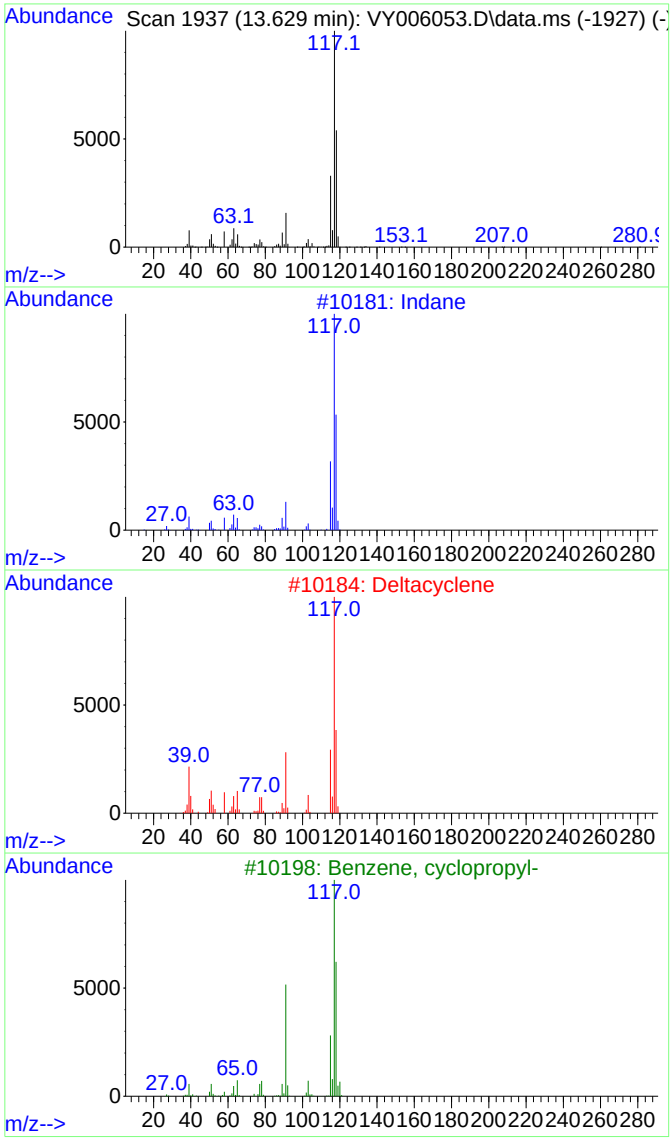
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

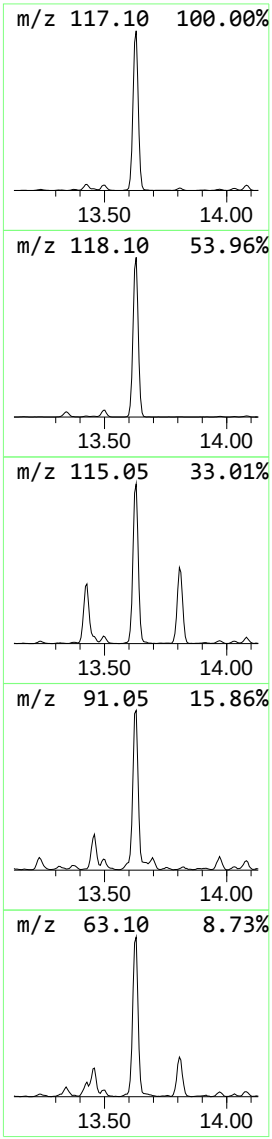
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	115.90 ug/l	2142770	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
Data File : VY006053.D
Acq On : 16 Sep 2021 17:15
Operator : SY/MD
Sample : M3762-01
Misc : 6.84G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11934

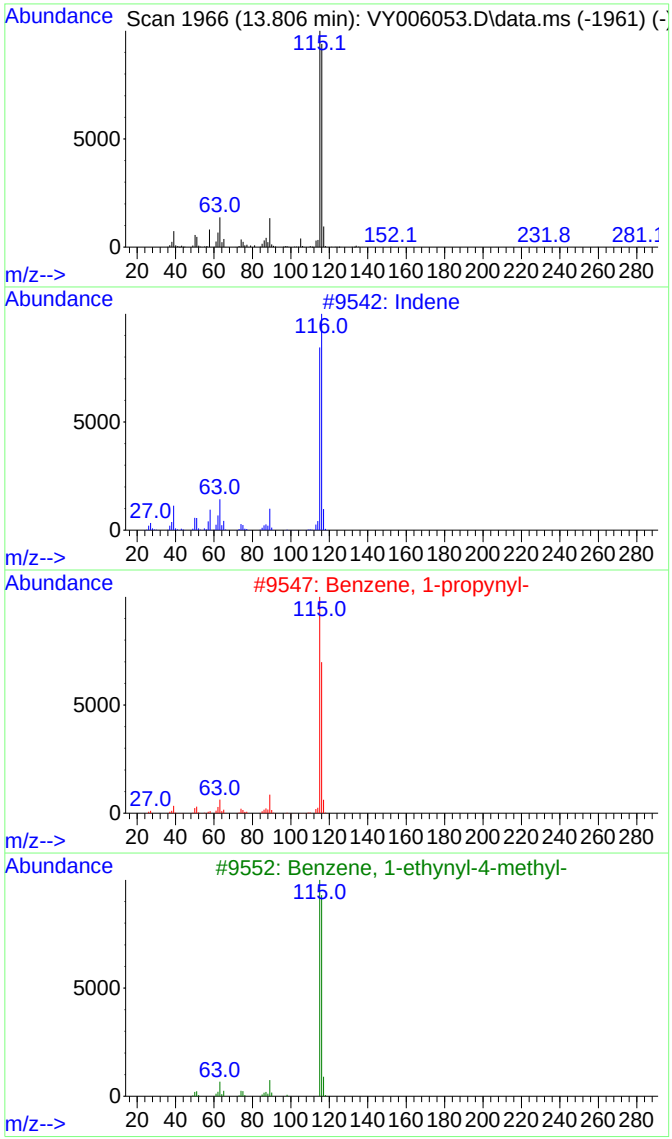
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

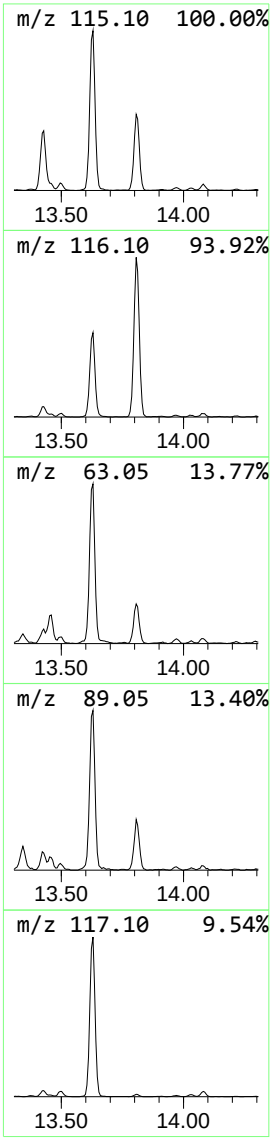
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.806	20.86 ug/l	385728	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
Data File : VY006053.D
Acq On : 16 Sep 2021 17:15
Operator : SY/MD
Sample : M3762-01
Misc : 6.84G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11934

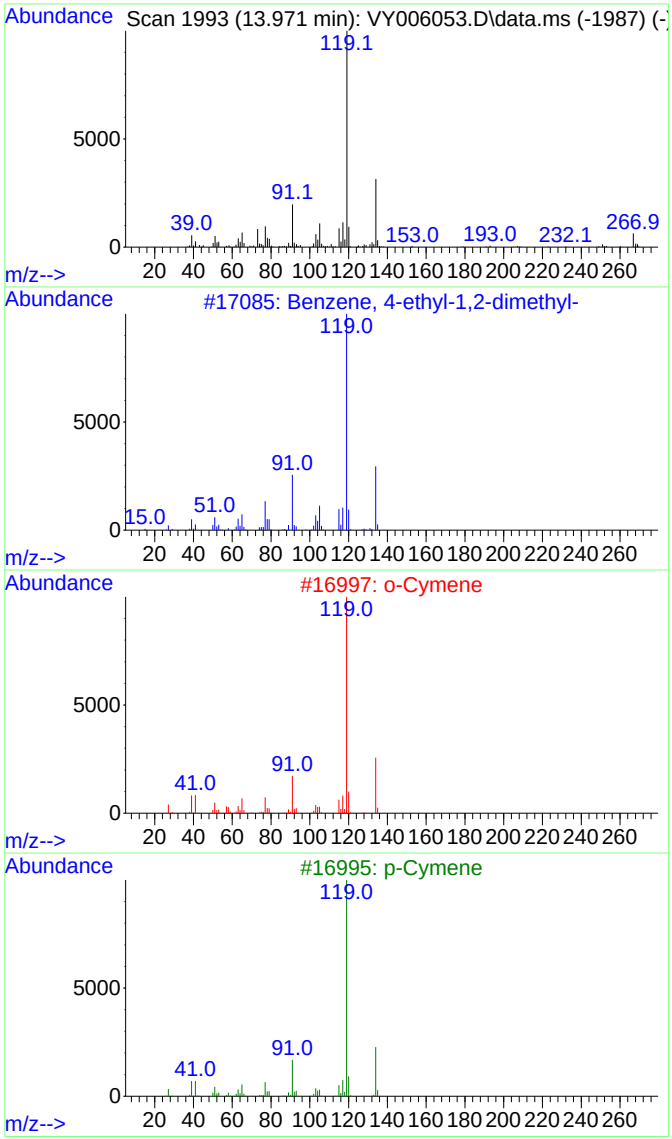
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

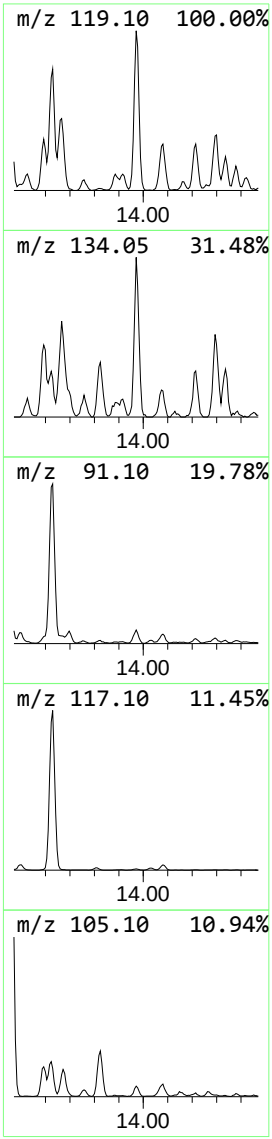
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	7.95 ug/l	146977	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
Data File : VY006053.D
Acq On : 16 Sep 2021 17:15
Operator : SY/MD
Sample : M3762-01
Misc : 6.84G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11934

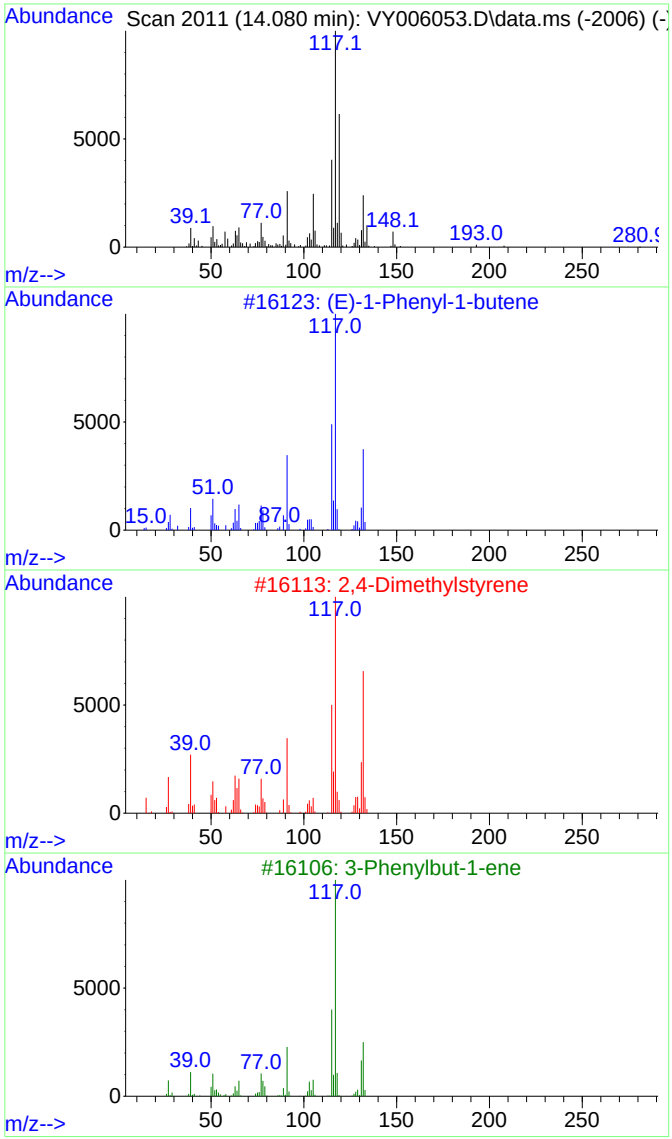
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

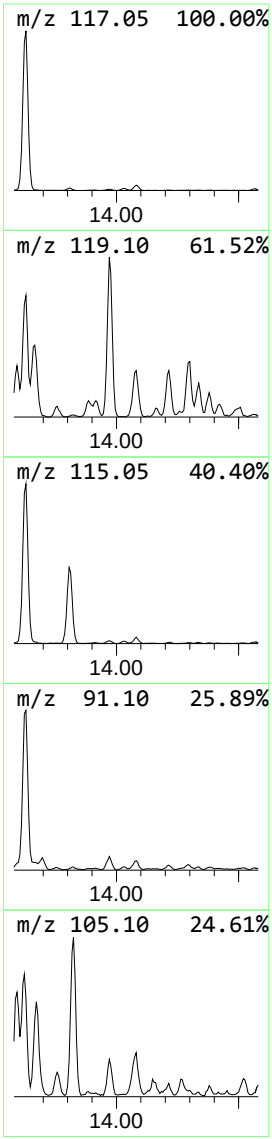
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (E)-1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	6.08 ug/l	112324	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	86
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
Data File : VY006053.D
Acq On : 16 Sep 2021 17:15
Operator : SY/MD
Sample : M3762-01
Misc : 6.84G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11934

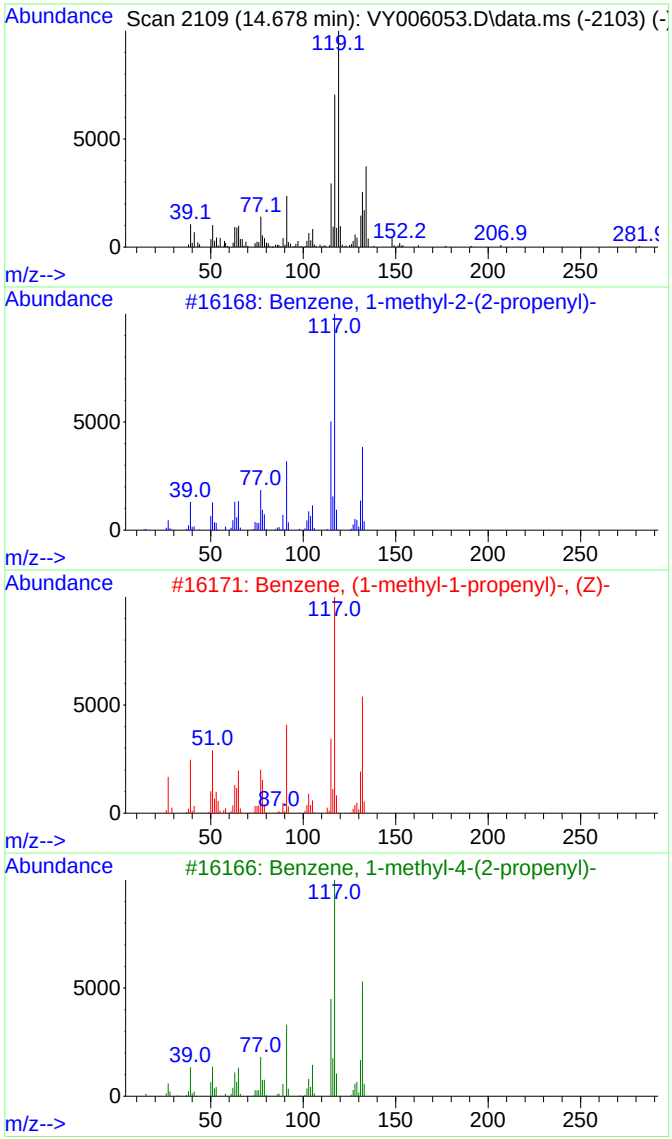
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

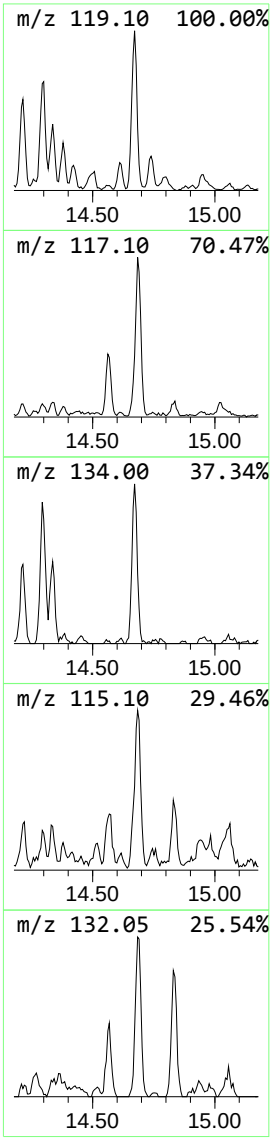
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	8.01 ug/l	148075	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55





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Data File : VY006053.D
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Sample : M3762-01
Misc : 6.84G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
11934

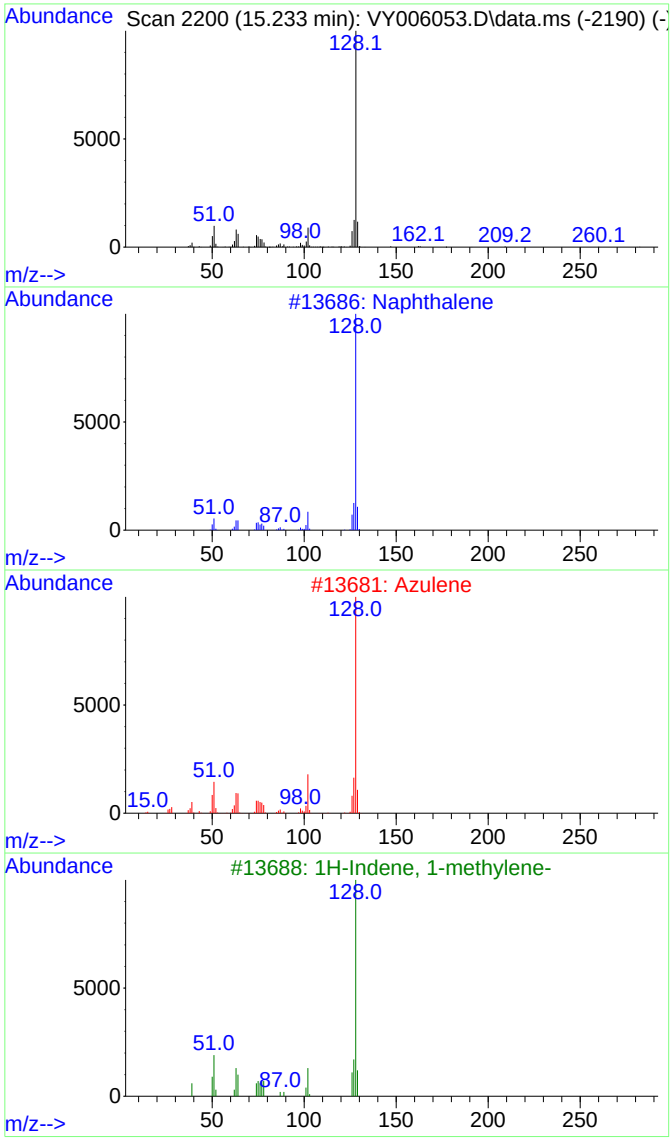
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

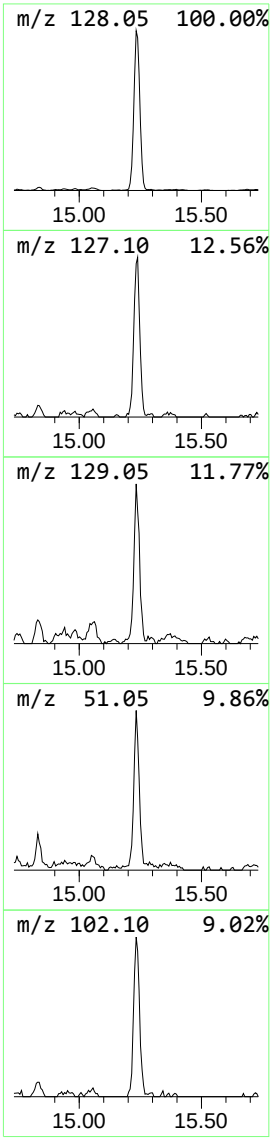
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	9.31 ug/l	172193	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	91
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	80
4	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	74
5	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
Data File : VY006053.D
Acq On : 16 Sep 2021 17:15
Operator : SY/MD
Sample : M3762-01
Misc : 6.84G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 11934

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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, 1-ethy...	12.971	14.5	ug/l	268260	4	13.428	924377	50.0
Indane	13.629	115.9	ug/l	2142770	4	13.428	924377	50.0
Indene	13.806	20.9	ug/l	385728	4	13.428	924377	50.0
Benzene, 4-ethy...	13.971	8.0	ug/l	146977	4	13.428	924377	50.0
(E)-1-Phenyl-1-...	14.080	6.1	ug/l	112324	4	13.428	924377	50.0
Benzene, 1-meth...	14.678	8.0	ug/l	148075	4	13.428	924377	50.0
Azulene	15.233	9.3	ug/l	172193	4	13.428	924377	50.0