LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
Data File : VW003888.D
Acq On : 12 Jul 2018 02:09
Operator : SY/AP
Sample : J3828-01
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-A

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_W\METHOD\82W070718S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.807	28	36	58	rVB	3430476	7157921	100.00%	57.412%
2	4.910	534	545	559	rBV2	24914	88350	1.23%	0.709%
3	7.885	1024	1033	1038	rBV	136446	318279	4.45%	2.553%
4	7.952	1038	1044	1052	rVB	224998	494863	6.91%	3.969%
5	8.311	1093	1103	1115	rVB	140430	312500	4.37%	2.507%
6	8.848	1182	1191	1207	rBV	362322	712367	9.95%	5.714%
7	10.329	1426	1434	1441	rBV	450130	796096	11.12%	6.385%
8	11.634	1641	1648	1656	rBV	429904	719330	10.05%	5.770%
9	12.628	1804	1811	1820	rVB	269931	445459	6.22%	3.573%
10	13.567	1958	1965	1974	rVB	346540	581986	8.13%	4.668%
11	14.816	2162	2170	2175	rBV4	87287	207988	2.91%	1.668%
12	14.969	2190	2195	2202	rVB	61913	103541	1.45%	0.830%
13	15.194	2225	2232	2238	rVB2	37518	83843	1.17%	0.672%
14	15.670	2303	2310	2316	rBV3	29405	72955	1.02%	0.585%
15	15.877	2339	2344	2353	rVB	84848	161662	2.26%	1.297%
16	16.194	2388	2396	2402	rBV2	44914	106670	1.49%	0.856%
17	16.395	2419	2429	2434	rBV4	44669	103738	1.45%	0.832%

Sum of corrected areas: 12467548

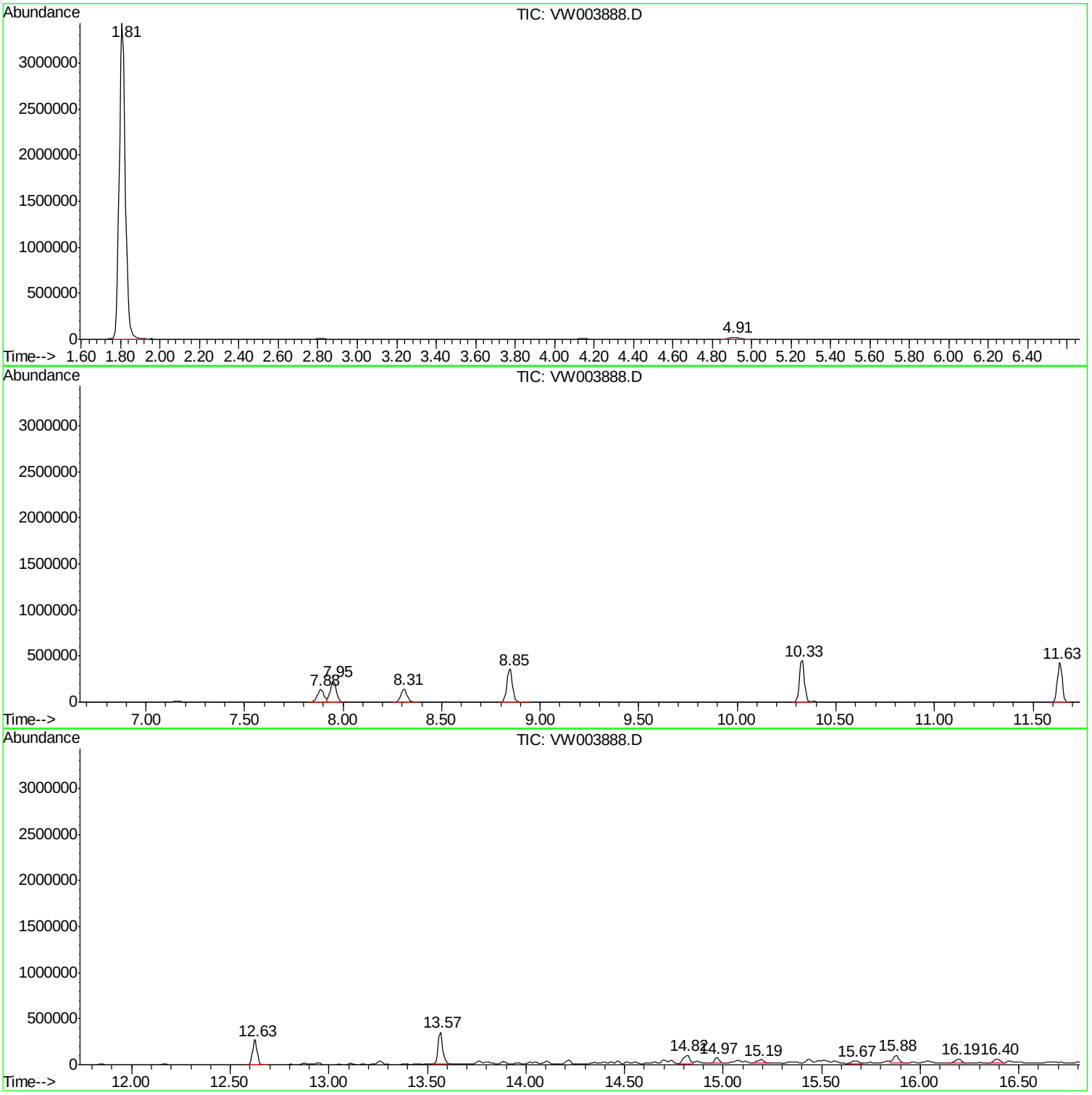
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
Data File : VW003888.D
Acq On : 12 Jul 2018 02:09
Operator : SY/AP
Sample : J3828-01
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
Data File : VW003888.D
Acq On : 12 Jul 2018 02:09
Operator : SY/AP
Sample : J3828-01
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-A

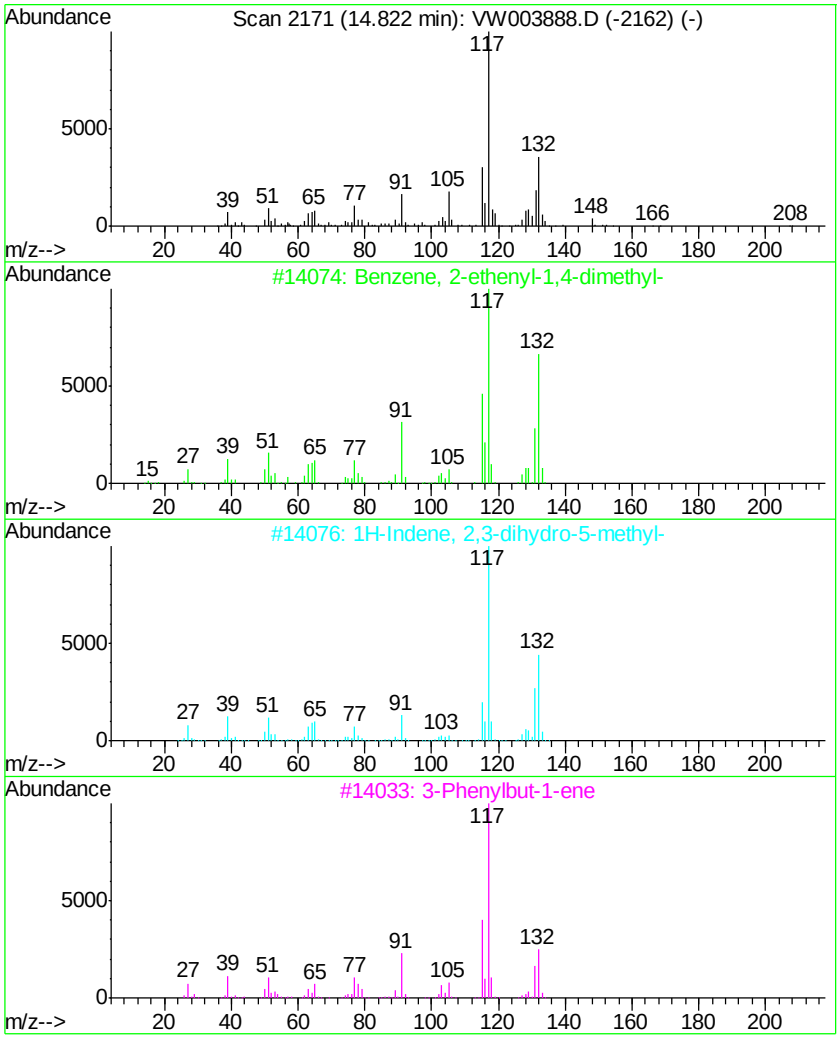
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

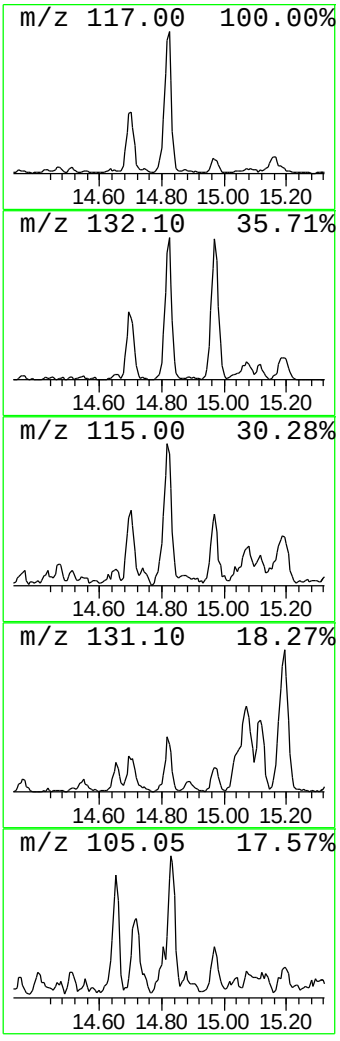
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	17.87 ug/l	207988	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071118\
Data File : VW003888.D
Acq On : 12 Jul 2018 02:09
Operator : SY/AP
Sample : J3828-01
Misc : 6.21G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

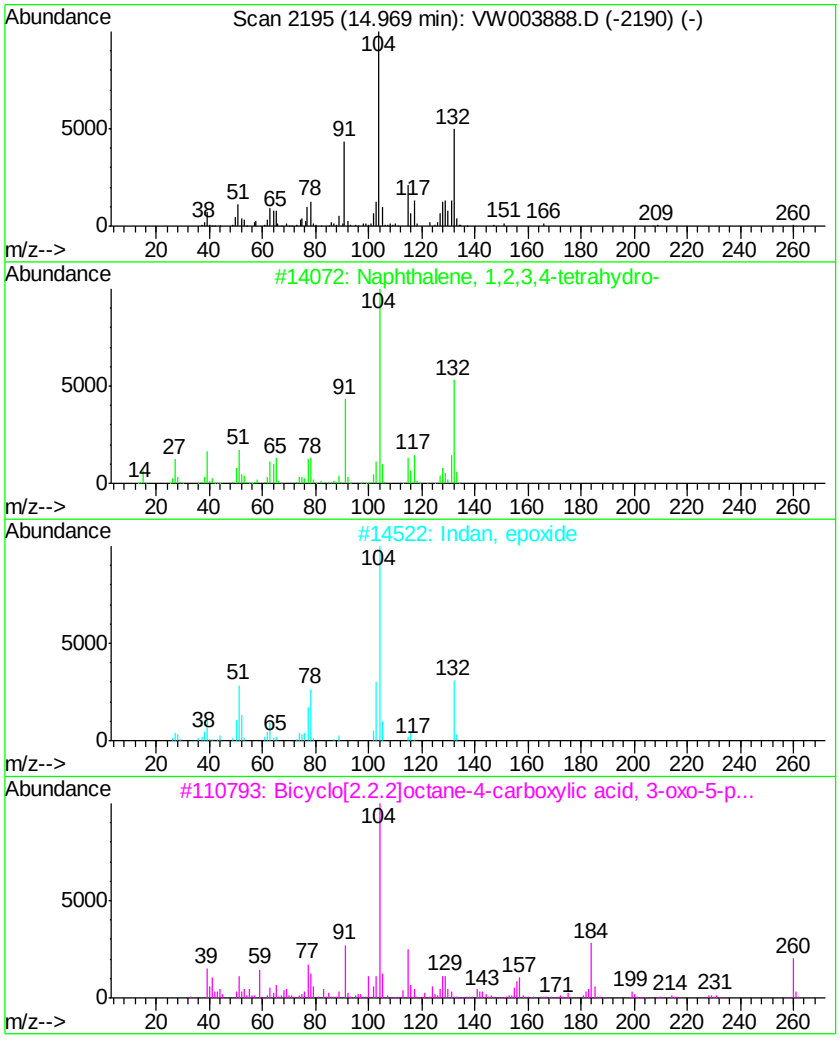
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

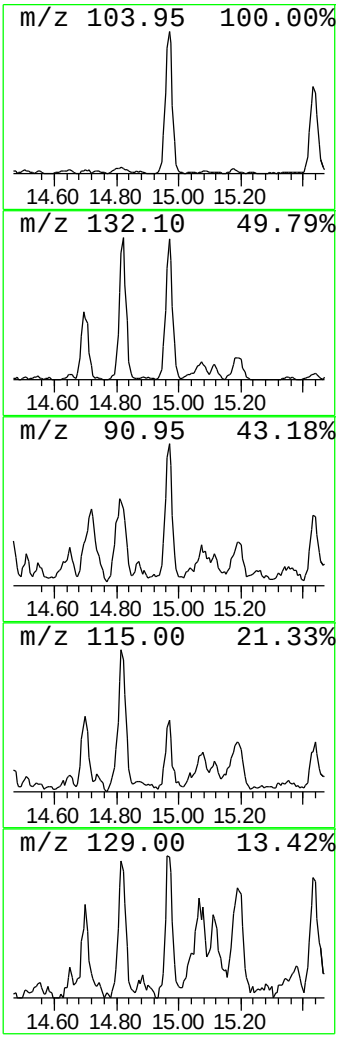
****

Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	8.90 ug/l	103541	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Indan, epoxide	132	C9H8O	000768-22-9	53
3	Bicyclo[2.2.2]octane-4-carboxyli...	260	C15H16O4	1000316-84-6	50
4	Benzene, cyclobutyl-	132	C10H12	004392-30-7	50
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071118\
Data File : VW003888.D
Acq On : 12 Jul 2018 02:09
Operator : SY/AP
Sample : J3828-01
Misc : 6.21G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

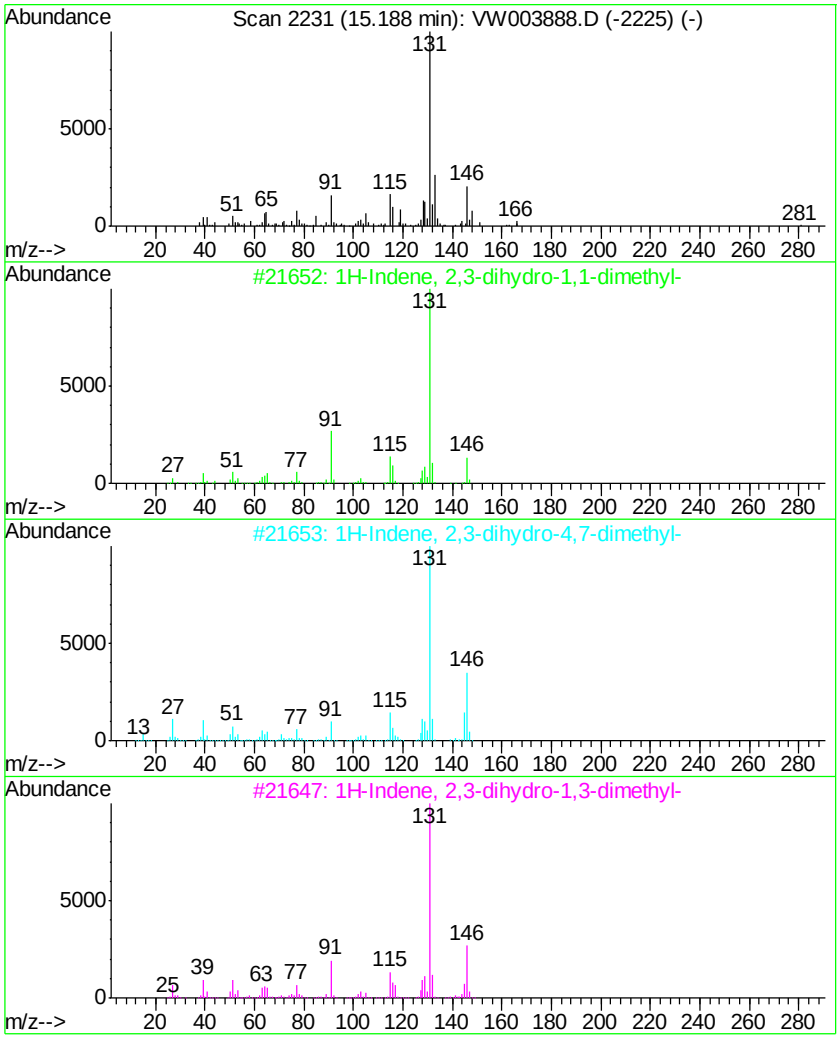
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

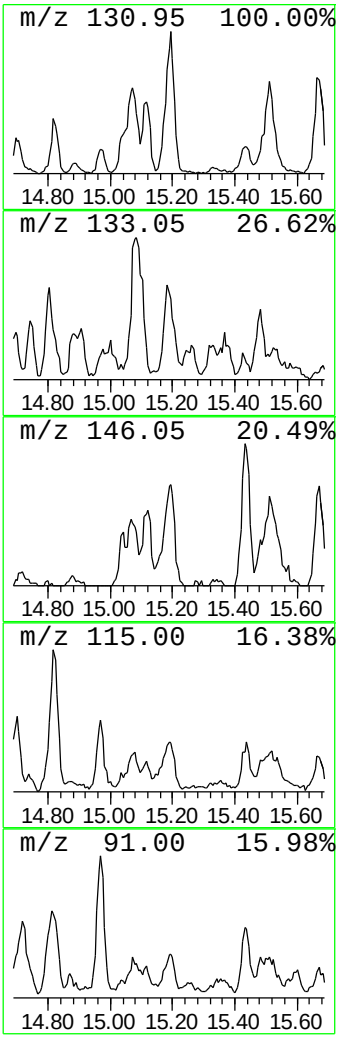
****

Peak Number 4 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	7.20 ug/l	83843	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071118\
Data File : VW003888.D
Acq On : 12 Jul 2018 02:09
Operator : SY/AP
Sample : J3828-01
Misc : 6.21G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

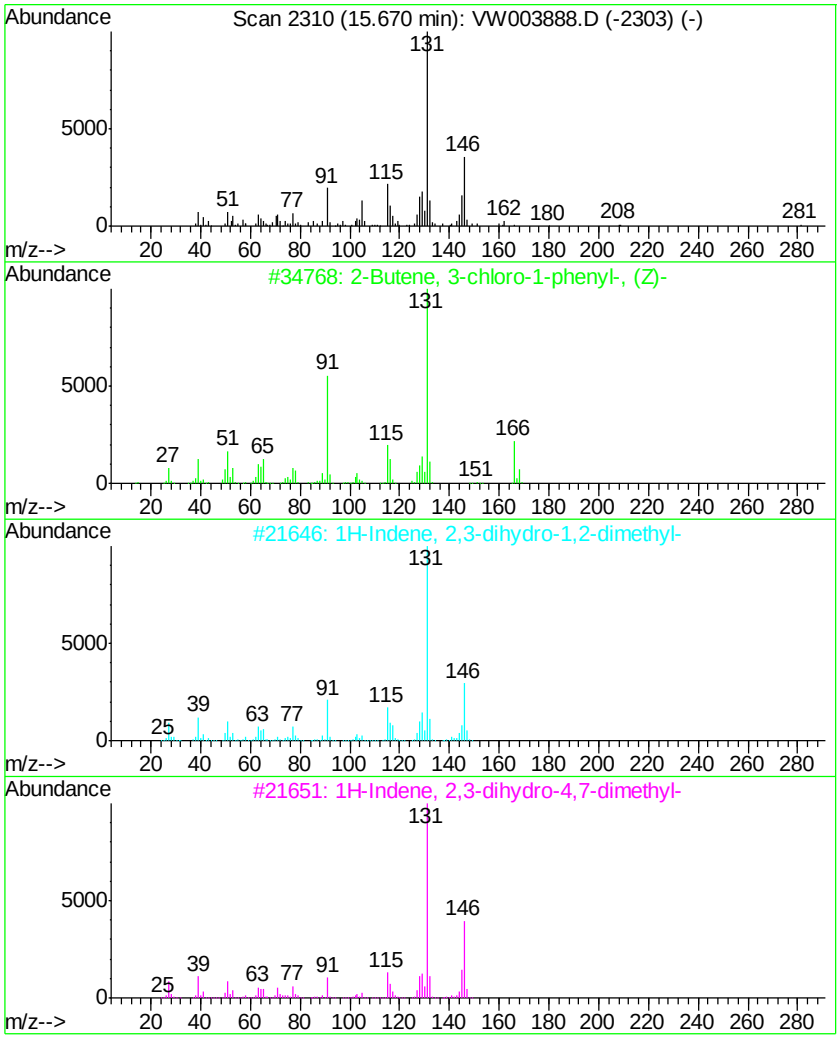
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

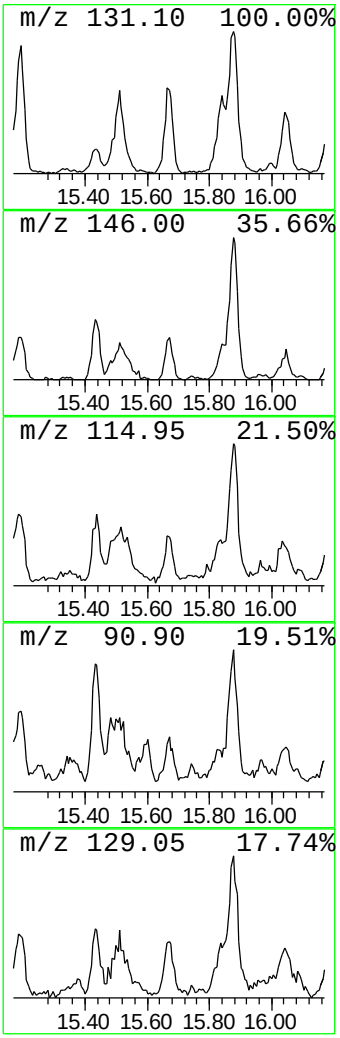
****

Peak Number 5 2-Butene, 3-chloro-1-phenyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	6.27 ug/l	72955	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	93
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	90
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071118\
Data File : VW003888.D
Acq On : 12 Jul 2018 02:09
Operator : SY/AP
Sample : J3828-01
Misc : 6.21G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

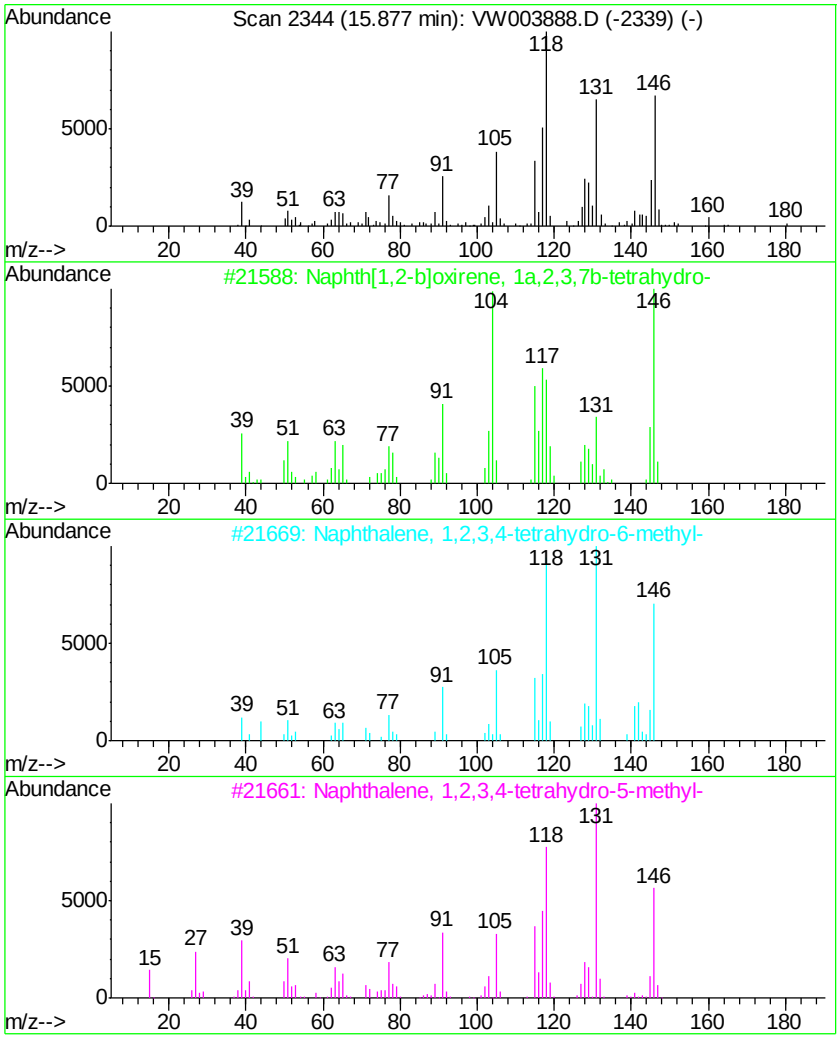
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

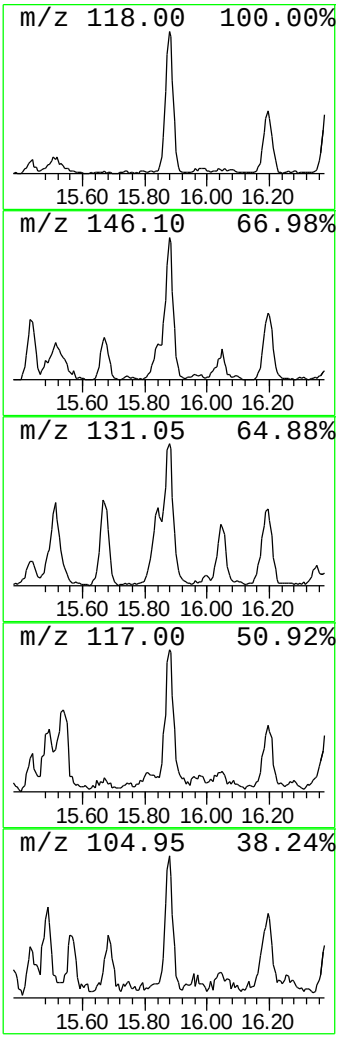
****

Peak Number 6 Naphth[1,2-b]oxirene, 1a,2,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	13.89 ug/l	161662	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	62
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	52
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	49





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Operator : SY/AP
Sample : J3828-01
Misc : 6.21G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-A

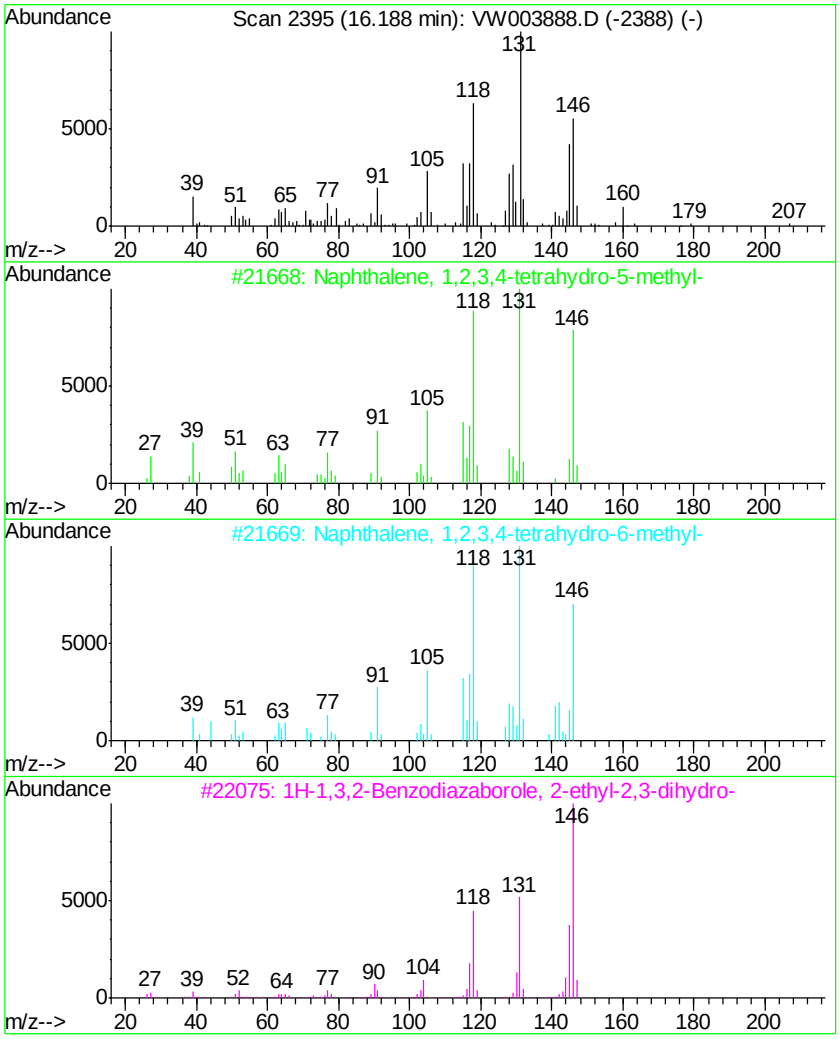
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

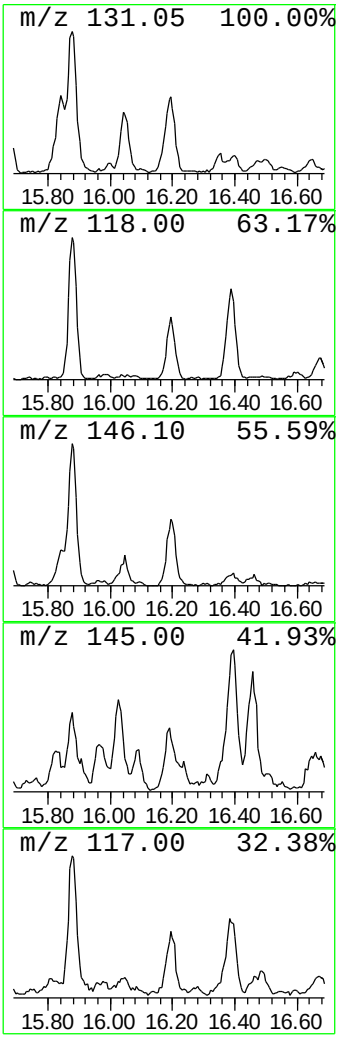
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	9.16 ug/l	106670	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	81
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	76
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	60





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

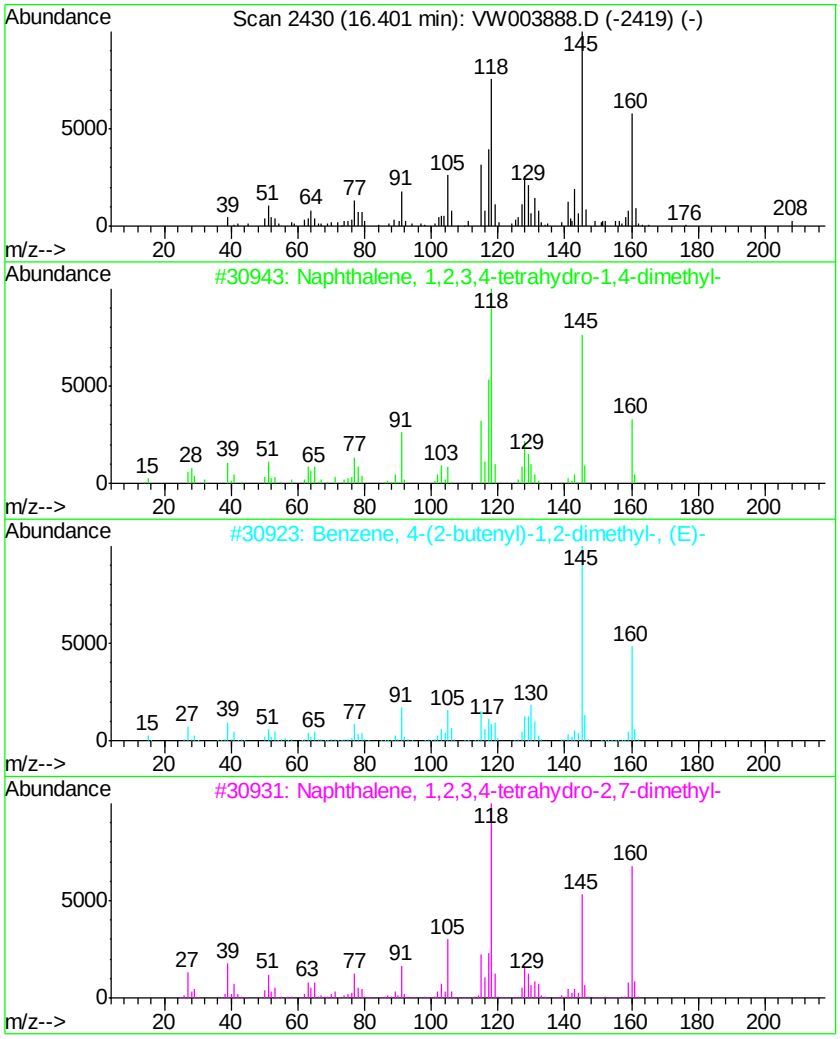
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

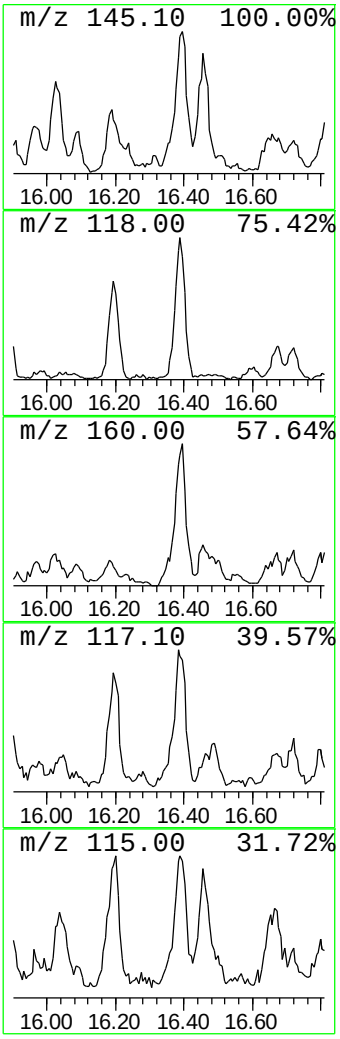
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	8.91 ug/l	103738	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	89
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	83
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
5	Oct-3-ene-1,5-diyne, 3-isopropyl...	160	C12H16	1000211-23-1	64





Tentatively Identified Compound (LSC) summary

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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 2-etheny...	14.82	17.9	ug/l	207988	4	13.57	581986	50.0
Naphthalene, 1,2,...	14.97	8.9	ug/l	103541	4	13.57	581986	50.0
1H-Indene, 2,3-di...	15.19	7.2	ug/l	83843	4	13.57	581986	50.0
2-Butene, 3-chlor...	15.67	6.3	ug/l	72955	4	13.57	581986	50.0
Naphth[1,2-b]oxir...	15.88	13.9	ug/l	161662	4	13.57	581986	50.0
Naphthalene, 1,2,...	16.19	9.2	ug/l	106670	4	13.57	581986	50.0
Naphthalene, 1,2,...	16.40	8.9	ug/l	103738	4	13.57	581986	50.0