LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080418\
Data File : VN050367.D
Acq On : 4 Aug 2018 15:21
Operator : MD\SY
Sample : J4328-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

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_N\METHODS\82N072418W.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	1.654	3	20	55	rBV	11827121	19225907	100.00%	44.918%
2	7.593	1848	1867	1878	rBV	530384	1309905	6.81%	3.060%
3	7.667	1878	1890	1912	rVB	788035	1891281	9.84%	4.419%
4	8.030	1985	2003	2031	rBV	557279	1357695	7.06%	3.172%
5	8.590	2160	2177	2203	rBV	1146592	2374472	12.35%	5.548%
6	10.091	2629	2644	2674	rBV	2066755	3807107	19.80%	8.895%
7	11.410	3036	3054	3077	rBV2	1607085	3640049	18.93%	8.504%
8	12.403	3347	3363	3378	rBV	1411255	2364565	12.30%	5.524%
9	13.345	3643	3656	3673	rBV	1484657	2503944	13.02%	5.850%
10	13.545	3700	3718	3735	rBV	624014	1171267	6.09%	2.736%
11	13.670	3746	3757	3769	rVB4	102267	200963	1.05%	0.470%
12	13.889	3816	3825	3835	rVB	183576	288186	1.50%	0.673%
13	13.998	3850	3859	3869	rVB2	316740	527599	2.74%	1.233%
14	14.210	3919	3925	3940	rVB2	169573	278130	1.45%	0.650%
15	14.586	4032	4042	4055	rBV3	239246	466329	2.43%	1.090%
16	14.959	4150	4158	4174	rVB5	157709	339849	1.77%	0.794%
17	15.191	4222	4230	4239	rBV	127501	215339	1.12%	0.503%
18	15.265	4243	4253	4280	rVB2	181958	497148	2.59%	1.162%
19	15.917	4444	4456	4471	rBV3	166229	342160	1.78%	0.799%

Sum of corrected areas: 42801895

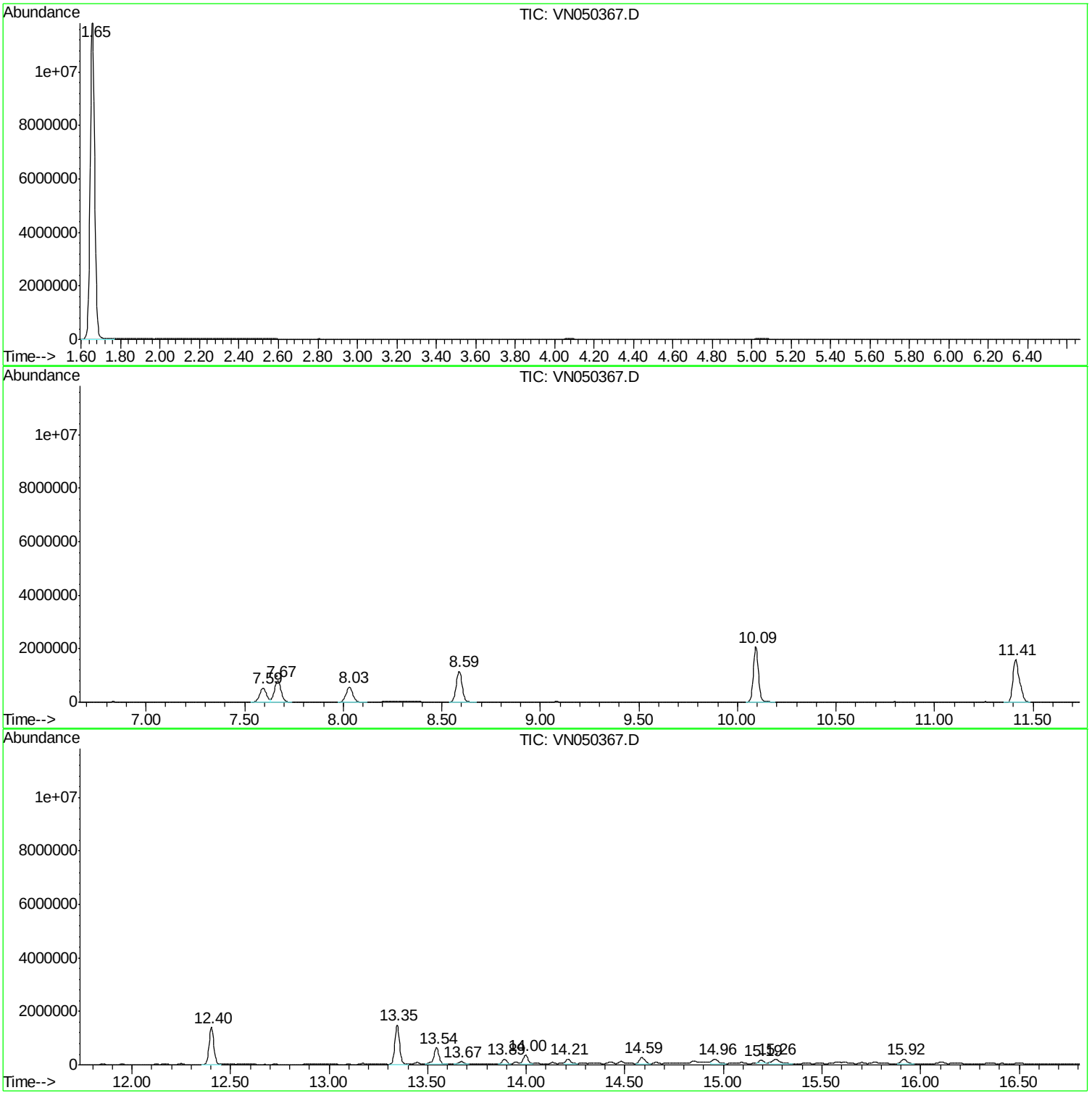
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
Data File : VN050367.D
Acq On : 4 Aug 2018 15:21
Operator : MD\SY
Sample : J4328-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.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_N\DATA\VN080418\
Data File : VN050367.D
Acq On : 4 Aug 2018 15:21
Operator : MD\SY
Sample : J4328-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

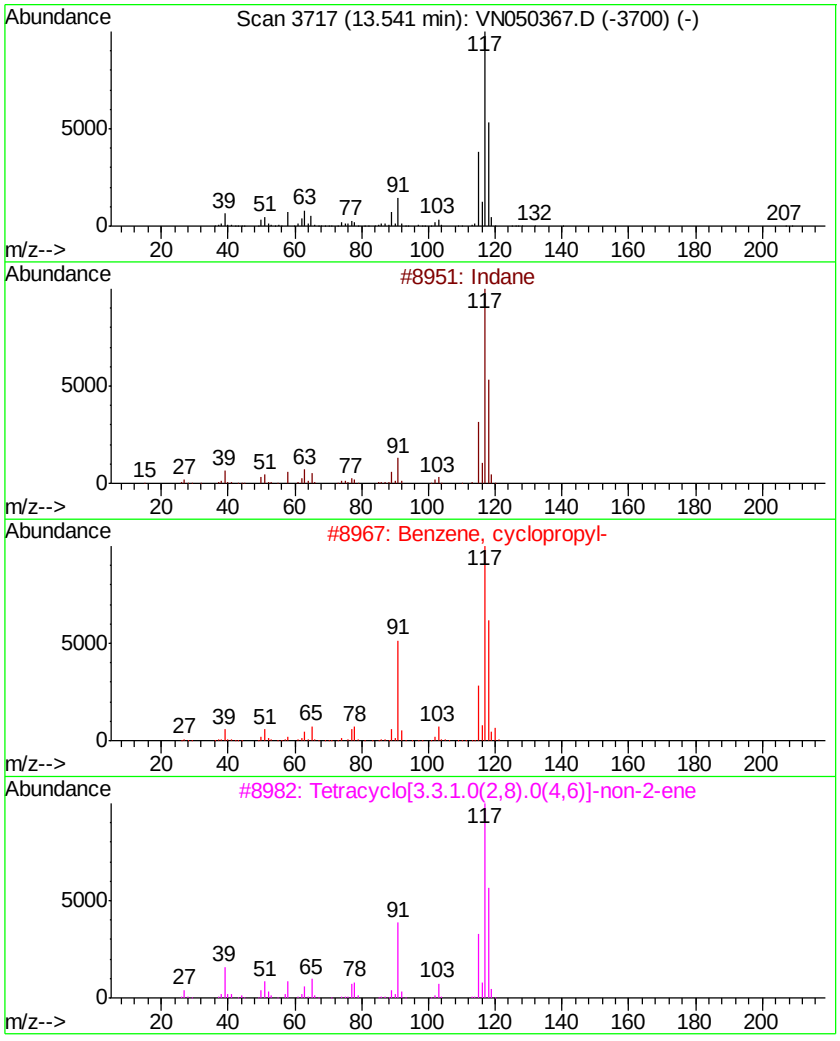
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

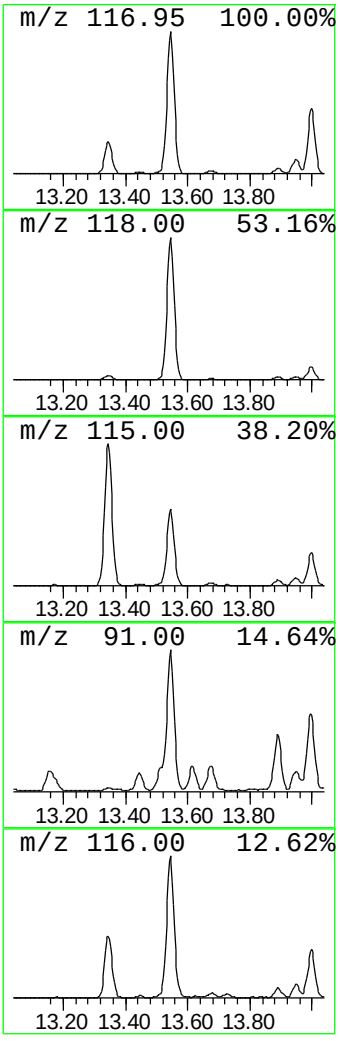
****

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	23.39 ug/l	1171270	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080418\
Data File : VN050367.D
Acq On : 4 Aug 2018 15:21
Operator : MD\SY
Sample : J4328-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

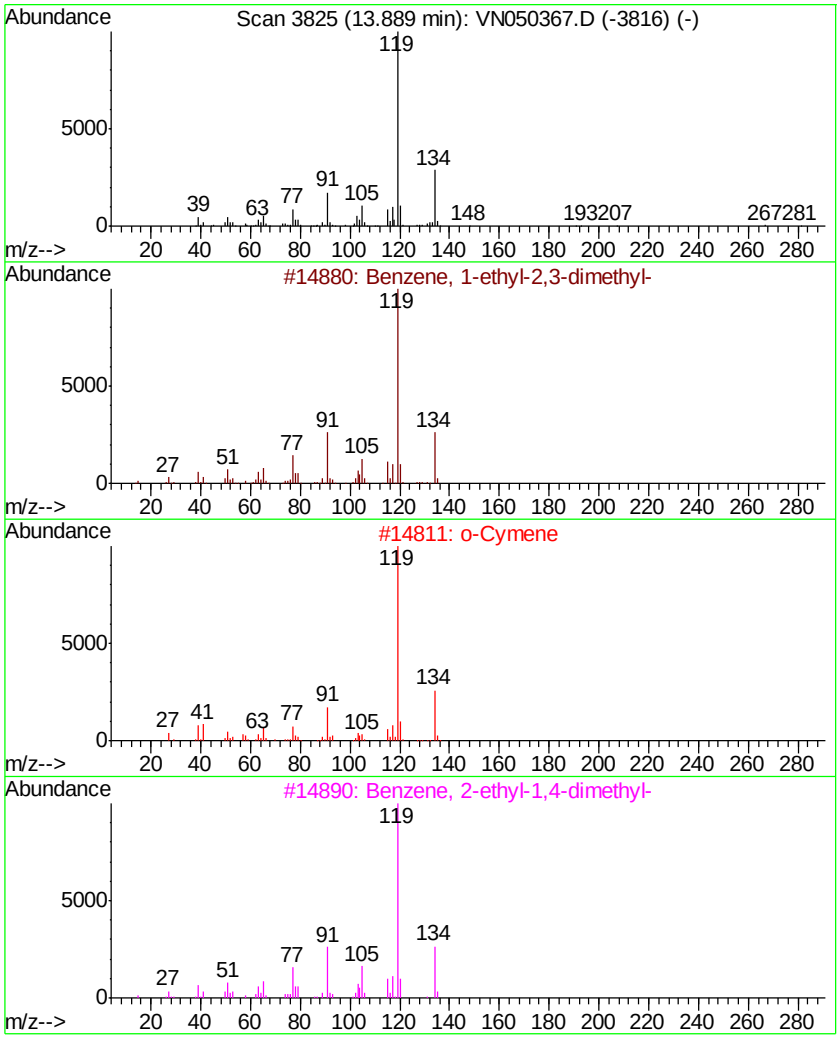
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

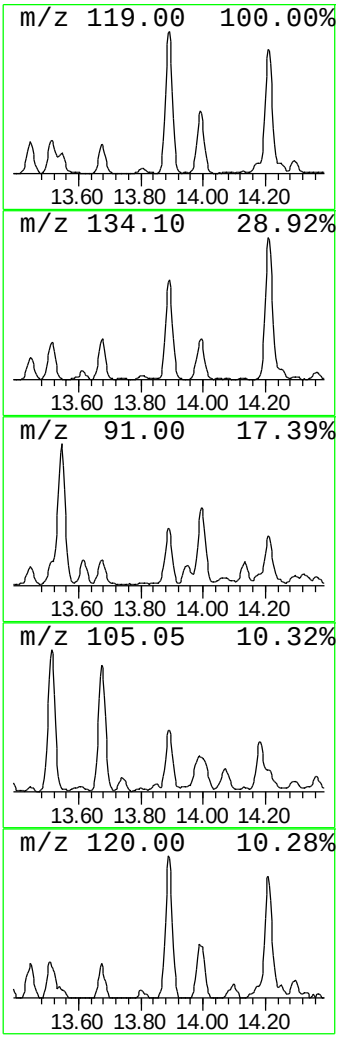
****

Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	5.75 ug/l	288186	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080418\
Data File : VN050367.D
Acq On : 4 Aug 2018 15:21
Operator : MD\SY
Sample : J4328-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

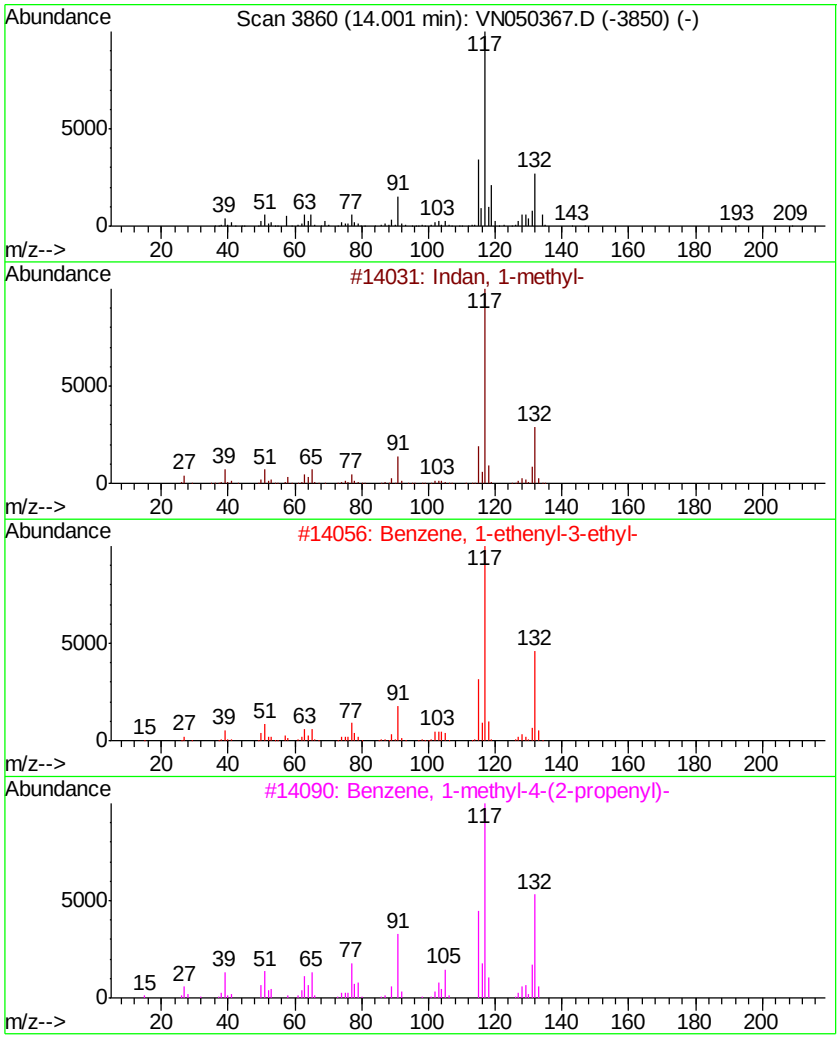
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

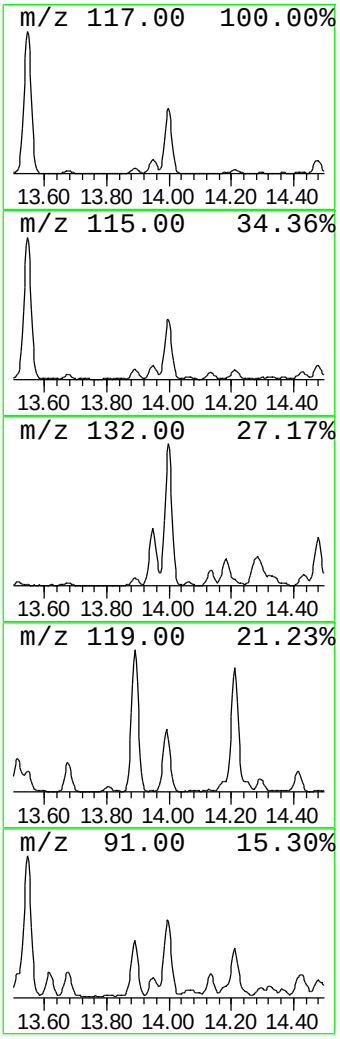
****

Peak Number 4 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	10.54 ug/l	527599	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	70
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	68
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	59
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080418\
Data File : VN050367.D
Acq On : 4 Aug 2018 15:21
Operator : MD\SY
Sample : J4328-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

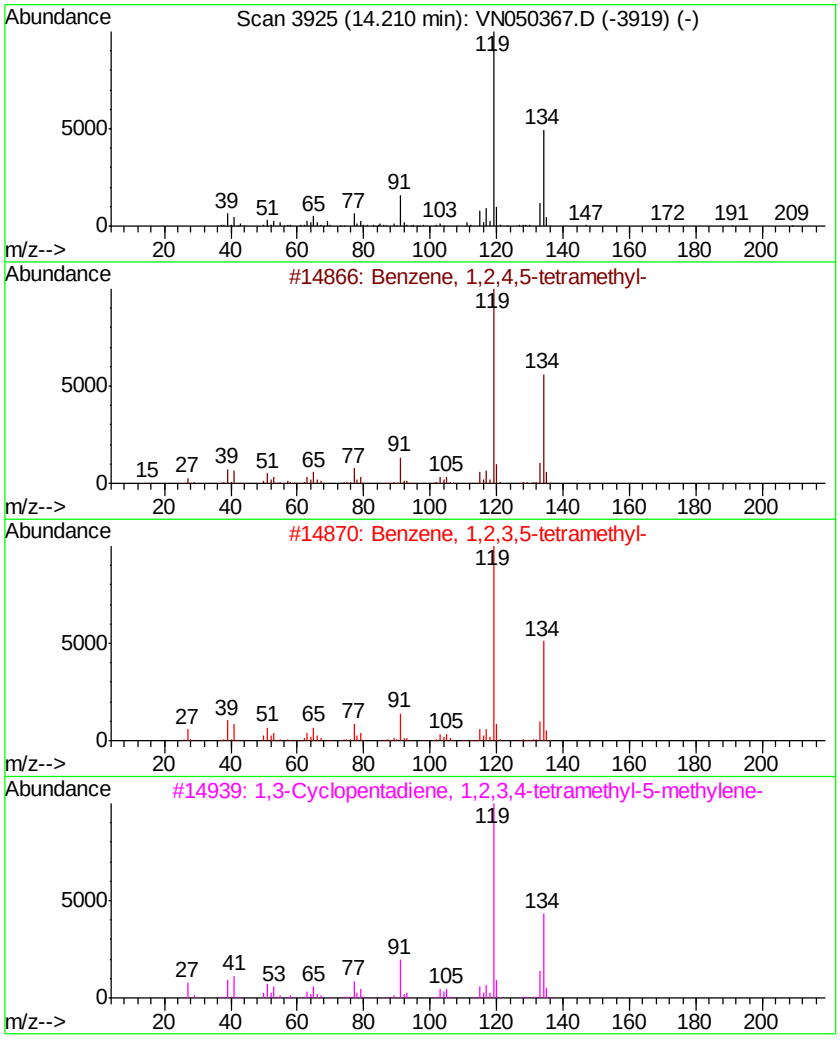
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

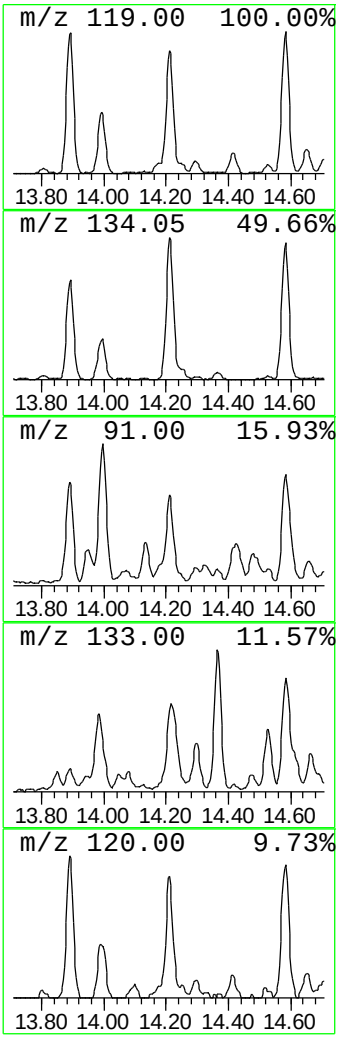
****

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	5.55 ug/l	278130	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080418\
Data File : VN050367.D
Acq On : 4 Aug 2018 15:21
Operator : MD\SY
Sample : J4328-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

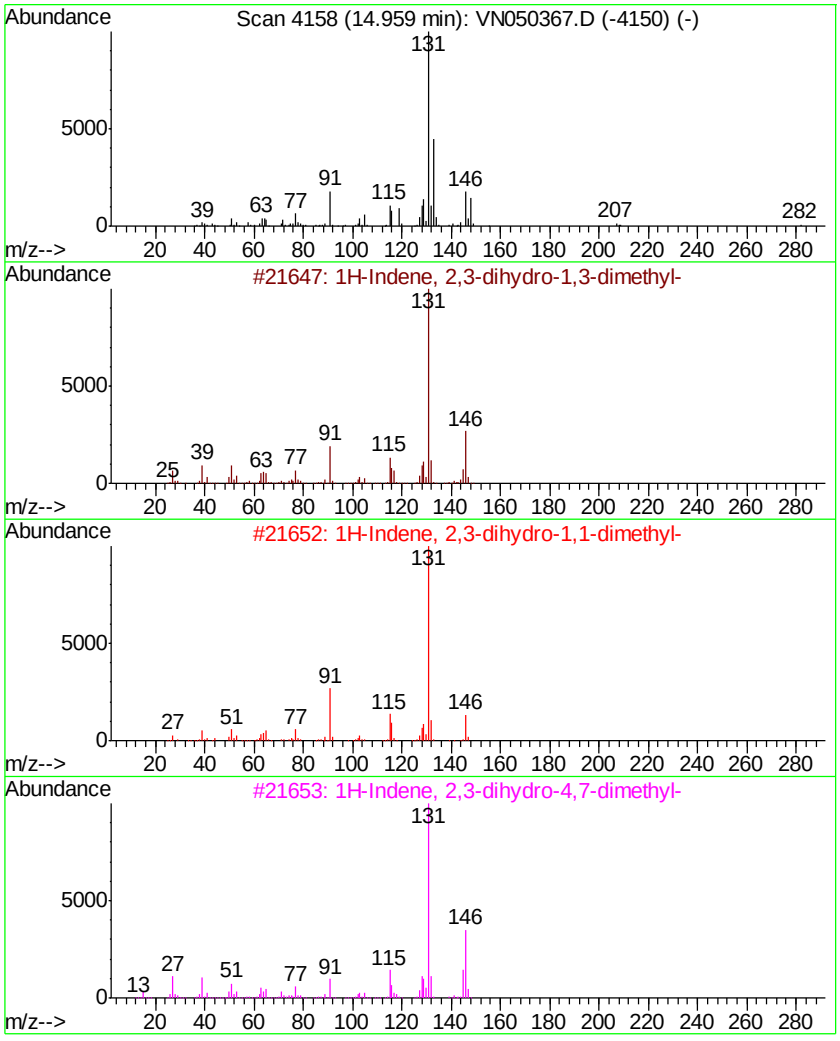
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

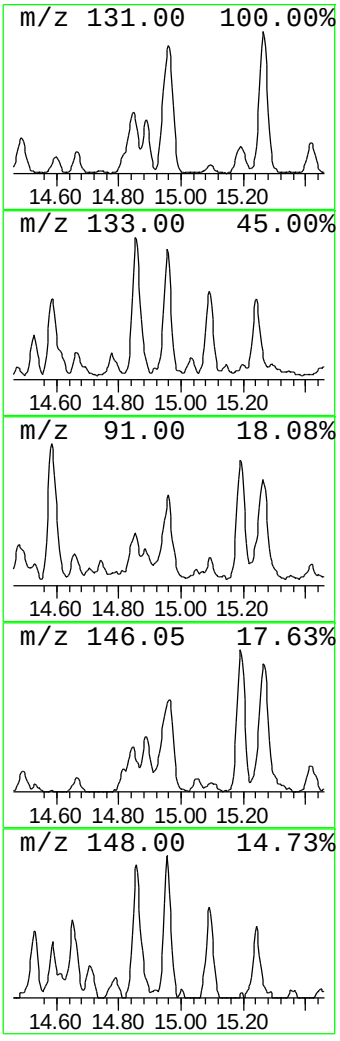
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	6.79 ug/l	339849	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	62
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58
5	Methanethioate(dimethylamino), (...	235	C13H17NOS	1000197-43-0	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080418\
Data File : VN050367.D
Acq On : 4 Aug 2018 15:21
Operator : MD\SY
Sample : J4328-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

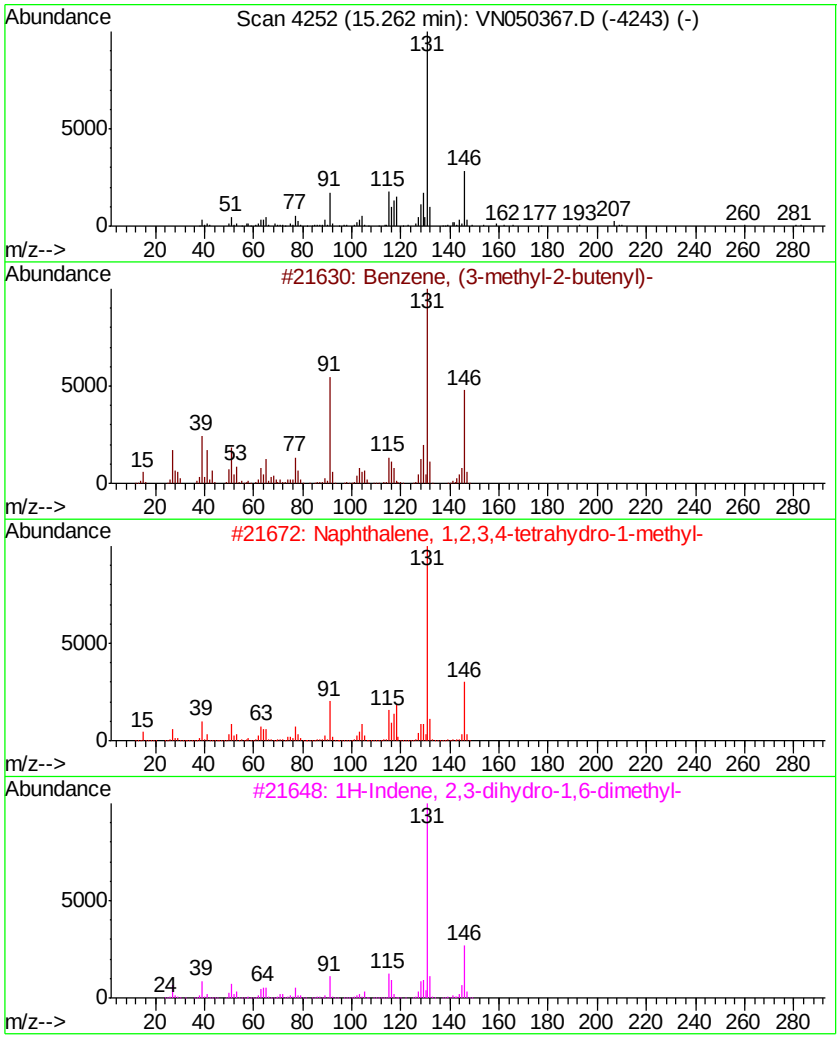
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

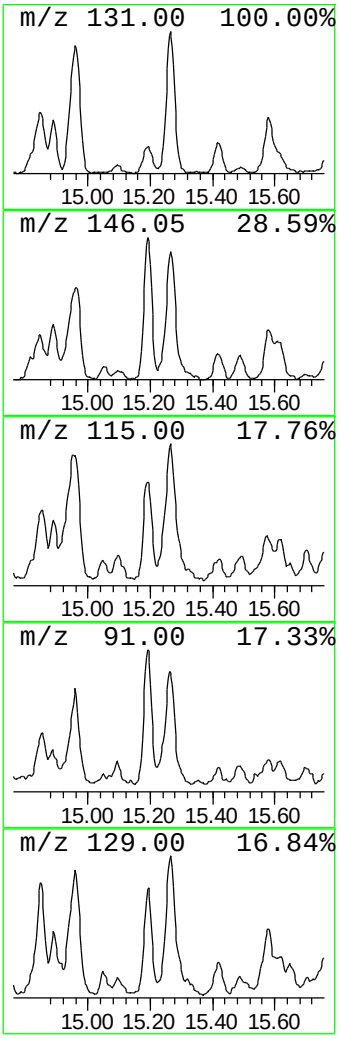
****

Peak Number 8 Benzene, (3-methyl-2-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	9.93 ug/l	497148	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
Data File : VN050367.D
Acq On : 4 Aug 2018 15:21
Operator : MD\SY
Sample : J4328-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

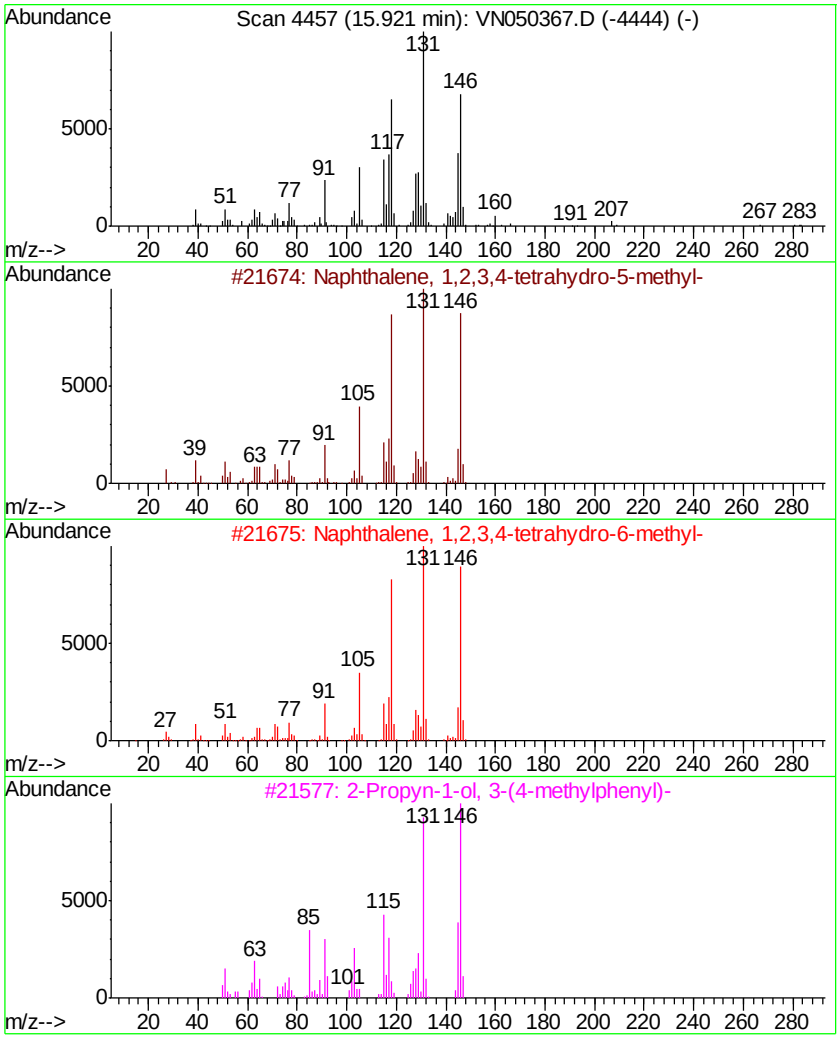
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

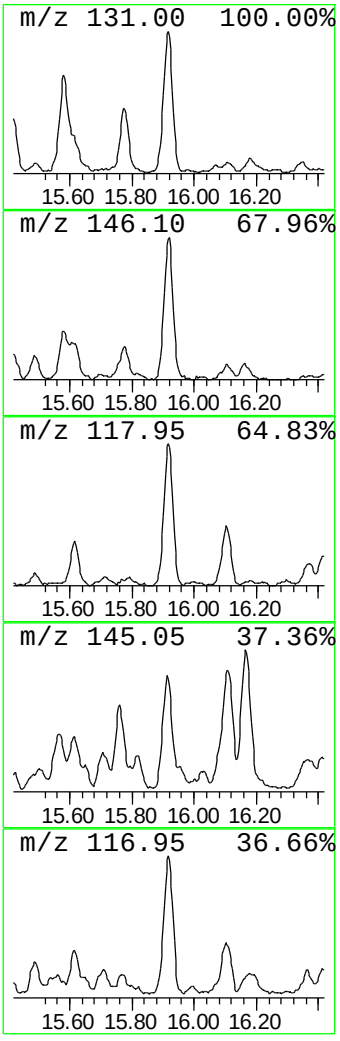
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	6.83 ug/l	342160	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
3	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	74
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	64
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080418\
Data File : VN050367.D
Acq On : 4 Aug 2018 15:21
Operator : MD\SY
Sample : J4328-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.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
Indane	13.54	23.4	ug/l	1171270	4	13.35	2503940	50.0
Benzene, 1-ethyl-...	13.89	5.8	ug/l	288186	4	13.35	2503940	50.0
Indan, 1-methyl-	14.00	10.5	ug/l	527599	4	13.35	2503940	50.0
Benzene, 1,2,4,5-...	14.21	5.5	ug/l	278130	4	13.35	2503940	50.0
1H-Indene, 2,3-di...	14.96	6.8	ug/l	339849	4	13.35	2503940	50.0
Benzene, (3-methy...	15.26	9.9	ug/l	497148	4	13.35	2503940	50.0
Naphthalene, 1,2,...	15.92	6.8	ug/l	342160	4	13.35	2503940	50.0