LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066745.D
Acq On : 17 Sep 2020 15:33
Operator : VA/SY
Sample : L4038-11
Misc : 6.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PAV-B36-091620-14-15

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_D\METHOD\82D091520S.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	7.914	1008	1019	1024	rBV	335047	799466	4.79%	2.238%
2	7.979	1024	1030	1040	rVB	570702	1242772	7.45%	3.479%
3	8.332	1080	1090	1101	rBV	289663	689172	4.13%	1.929%
4	8.861	1171	1180	1194	rBV	849643	1678304	10.06%	4.698%
5	10.338	1421	1431	1437	rBV	1330039	2341599	14.03%	6.555%
6	10.402	1437	1442	1453	rVB	396941	725697	4.35%	2.031%
7	11.644	1645	1653	1663	rBV	1188346	2055812	12.32%	5.755%
8	11.744	1663	1670	1679	rVB	304868	510630	3.06%	1.429%
9	11.849	1679	1688	1695	rBV	113502	218768	1.31%	0.612%
10	12.632	1814	1821	1831	rVB	881253	1457143	8.73%	4.079%
11	12.885	1858	1864	1867	rBV2	125831	207121	1.24%	0.580%
12	13.579	1975	1982	1993	rVB	1086815	1832210	10.98%	5.129%
13	13.779	2005	2016	2031	rBV	1535394	2601769	15.59%	7.283%
14	14.232	2088	2093	2099	rVB	127721	205143	1.23%	0.574%
15	14.838	2189	2196	2204	rBV2	152239	276369	1.66%	0.774%
16	15.408	2284	2293	2303	rVB	9022754	16689310	100.00%	46.719%
17	15.508	2303	2310	2318	rBV	211449	417600	2.50%	1.169%
18	16.508	2471	2480	2490	rVB	520957	1054774	6.32%	2.953%
19	16.714	2506	2515	2525	rVB	323367	719377	4.31%	2.014%

Sum of corrected areas: 35723036

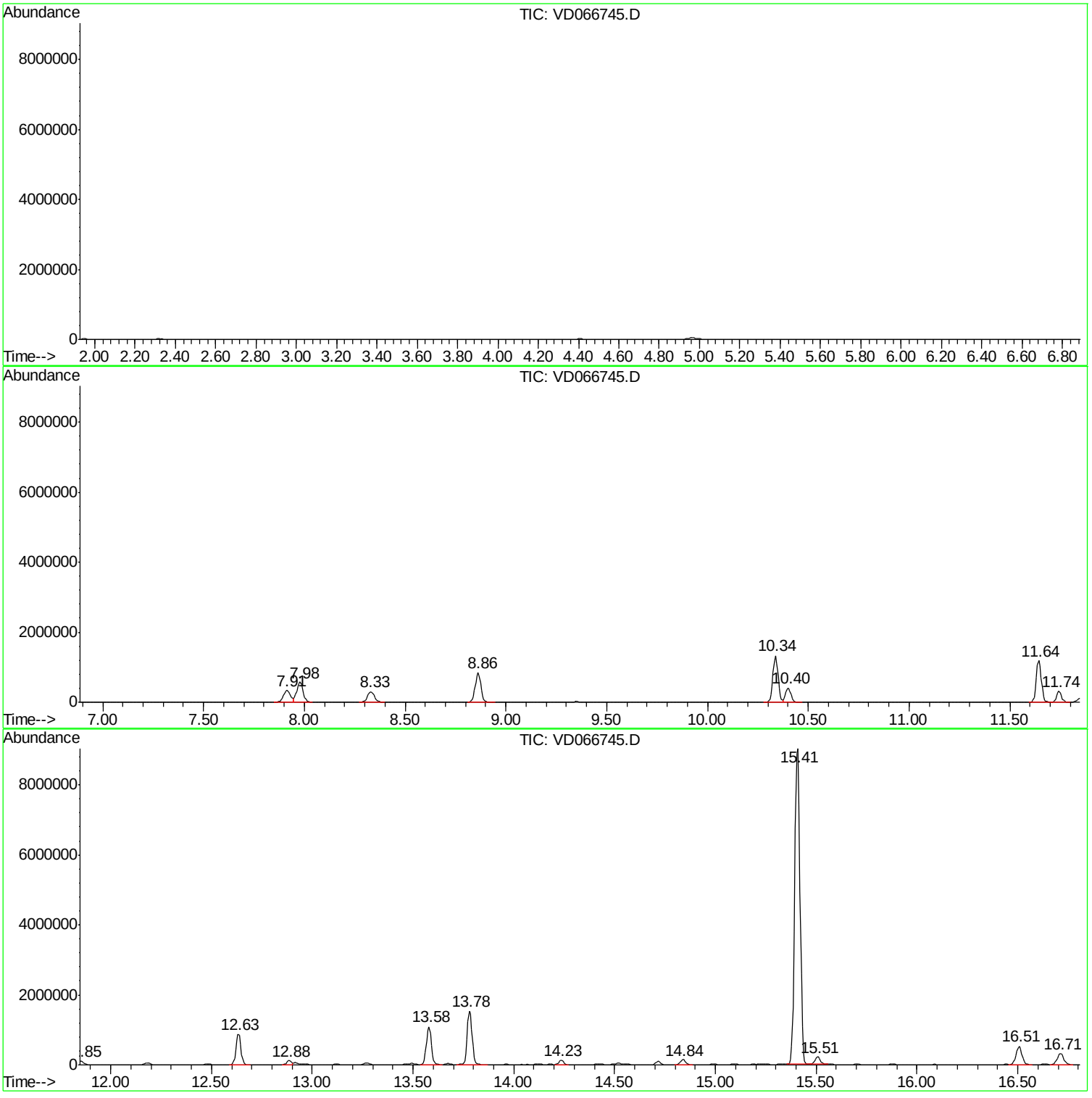
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066745.D
Acq On : 17 Sep 2020 15:33
Operator : VA/SY
Sample : L4038-11
Misc : 6.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PAV-B36-091620-14-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066745.D
Acq On : 17 Sep 2020 15:33
Operator : VA/SY
Sample : L4038-11
Misc : 6.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PAV-B36-091620-14-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260

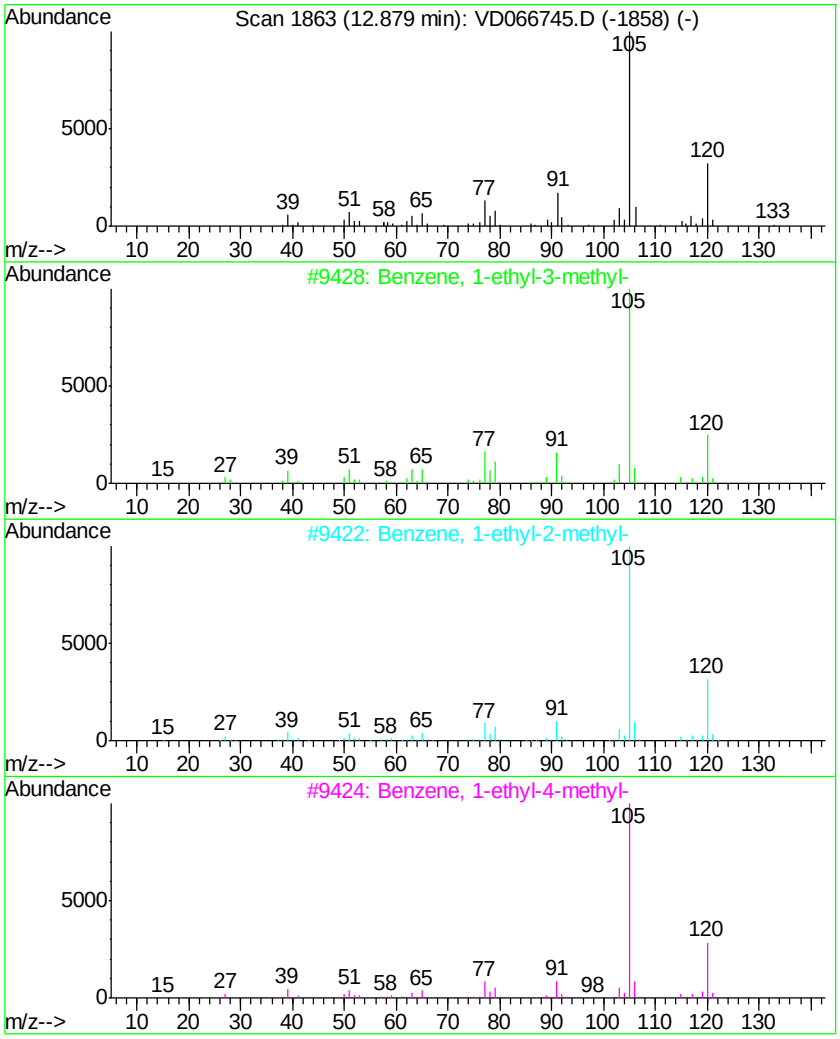
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

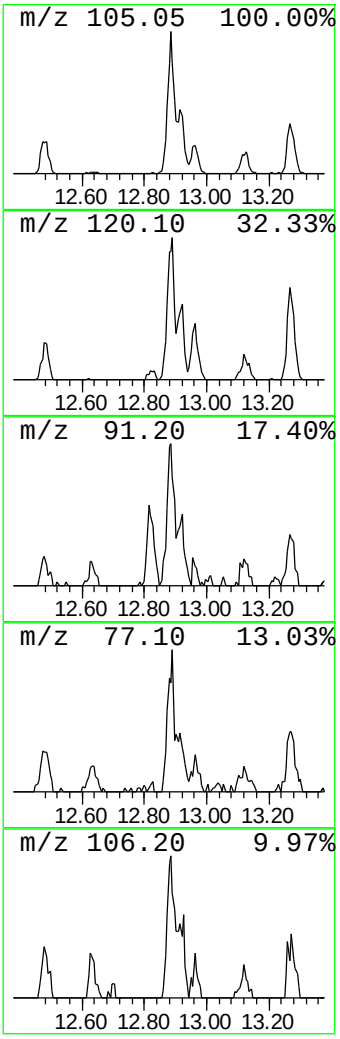
****

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	5.65 ug/l	207121	1,4-Dichlorobenzene-d4	13.58

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-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	80
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066745.D
Acq On : 17 Sep 2020 15:33
Operator : VA/SY
Sample : L4038-11
Misc : 6.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PAV-B36-091620-14-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260

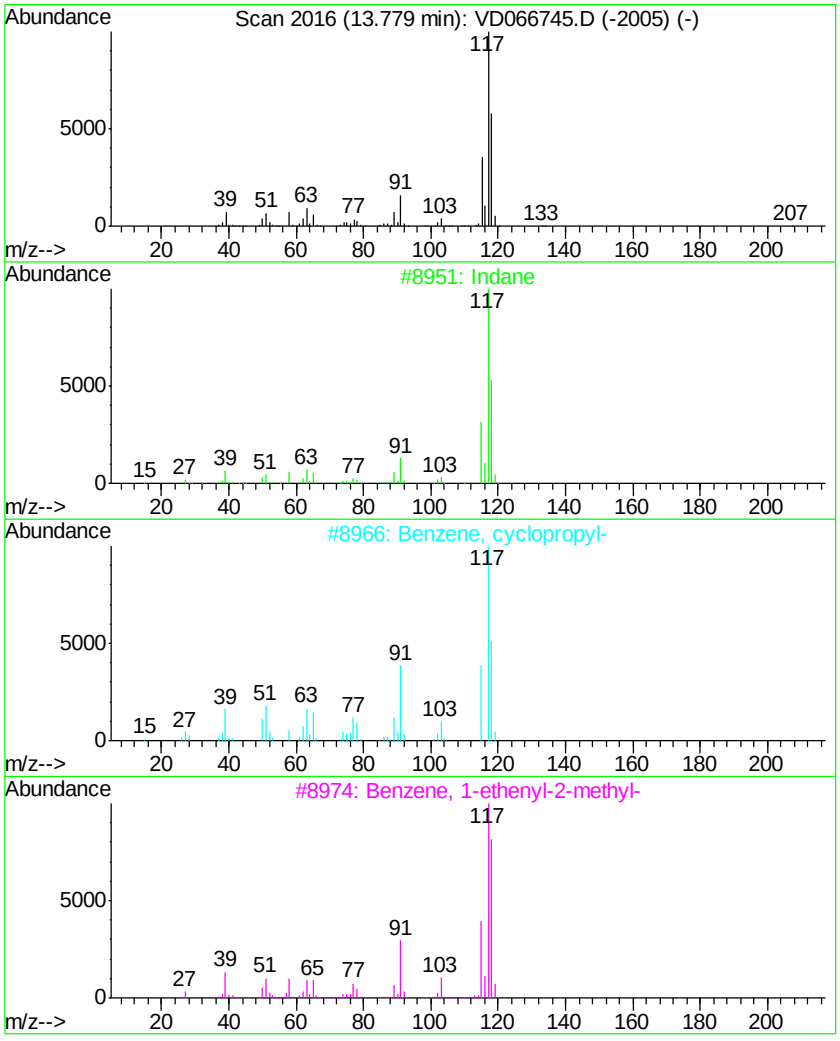
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

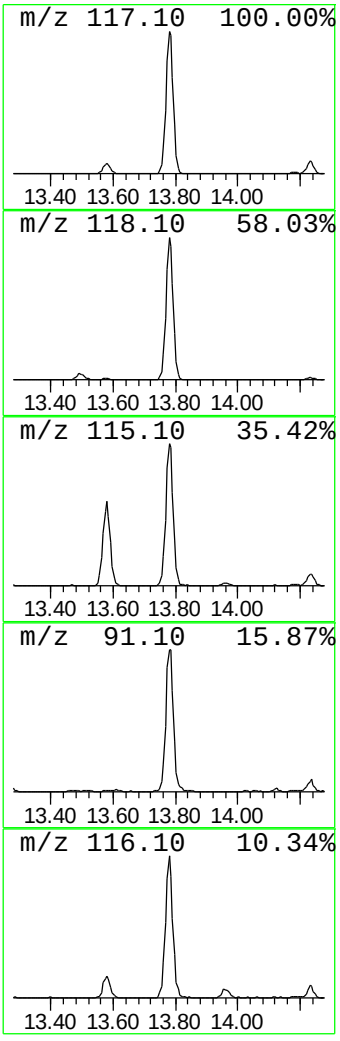
****

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	71.00 ug/l	2601770	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066745.D
Acq On : 17 Sep 2020 15:33
Operator : VA/SY
Sample : L4038-11
Misc : 6.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PAV-B36-091620-14-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260

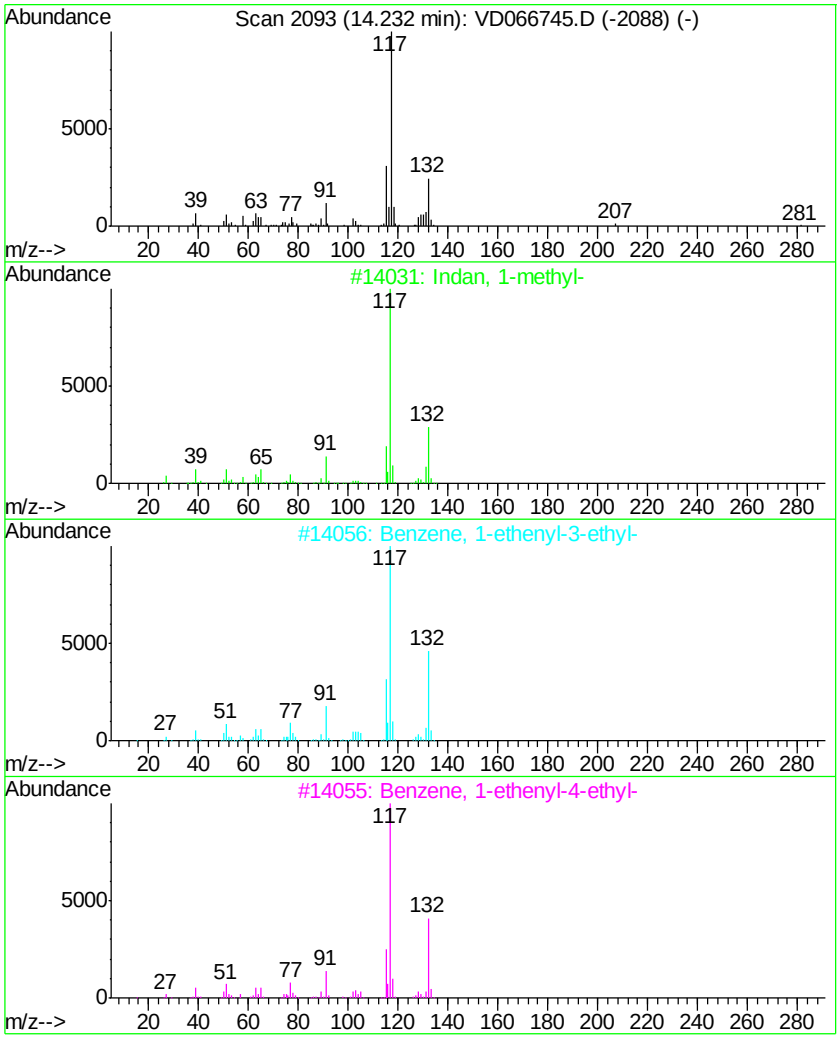
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

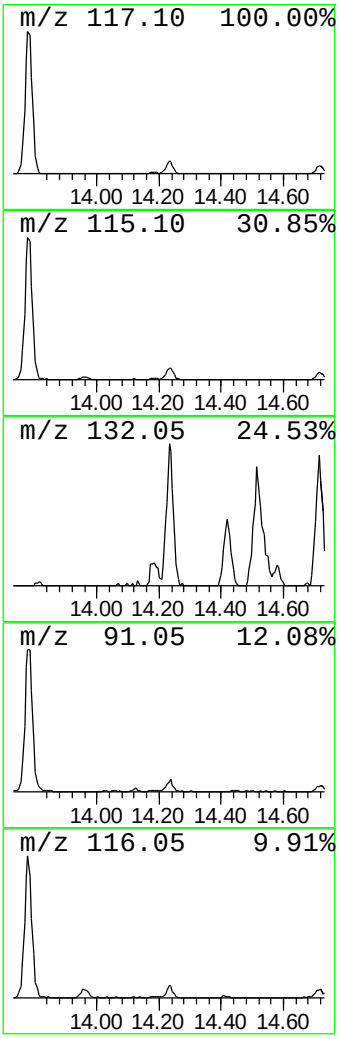
****

Peak Number 3 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	5.60 ug/l	205143	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066745.D
Acq On : 17 Sep 2020 15:33
Operator : VA/SY
Sample : L4038-11
Misc : 6.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PAV-B36-091620-14-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260

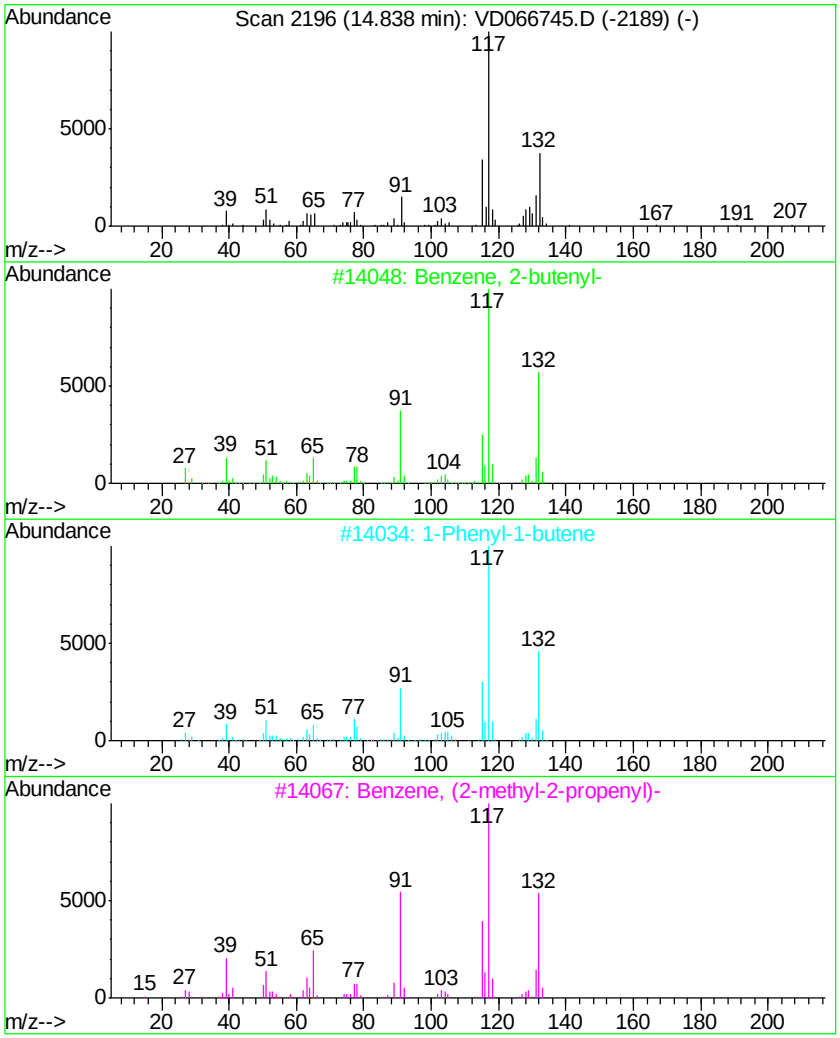
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

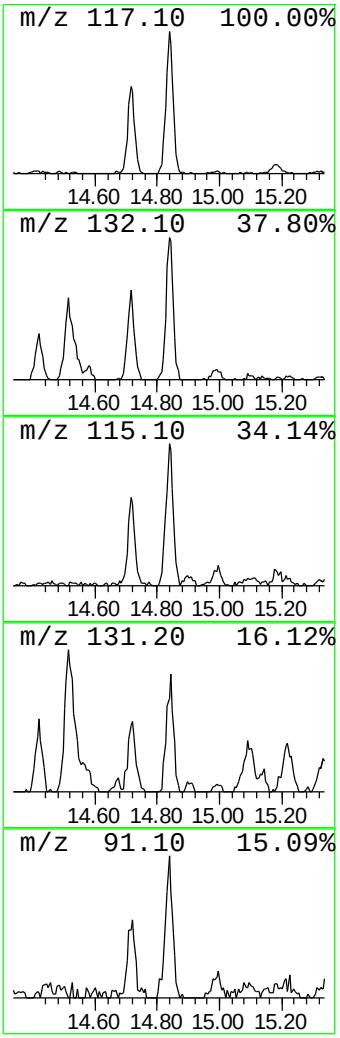
****

Peak Number 4 Benzene, 2-butenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	7.54 ug/l	276369	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	81
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066745.D
Acq On : 17 Sep 2020 15:33
Operator : VA/SY
Sample : L4038-11
Misc : 6.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PAV-B36-091620-14-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260

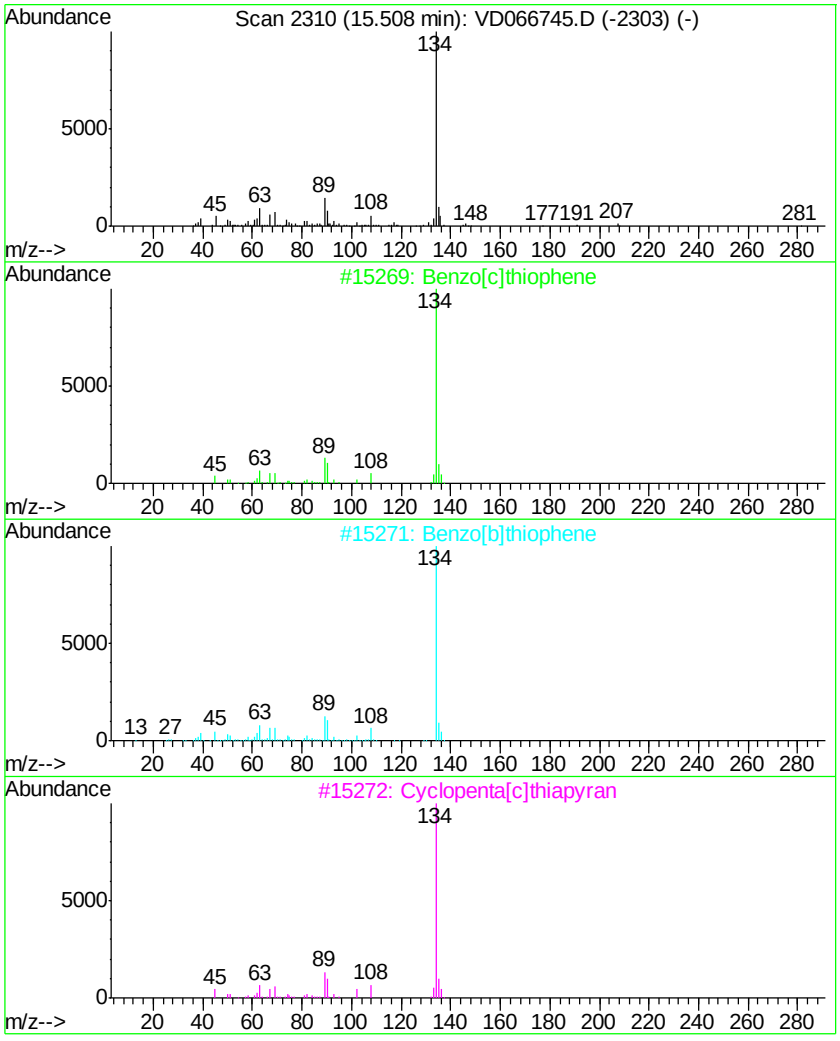
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

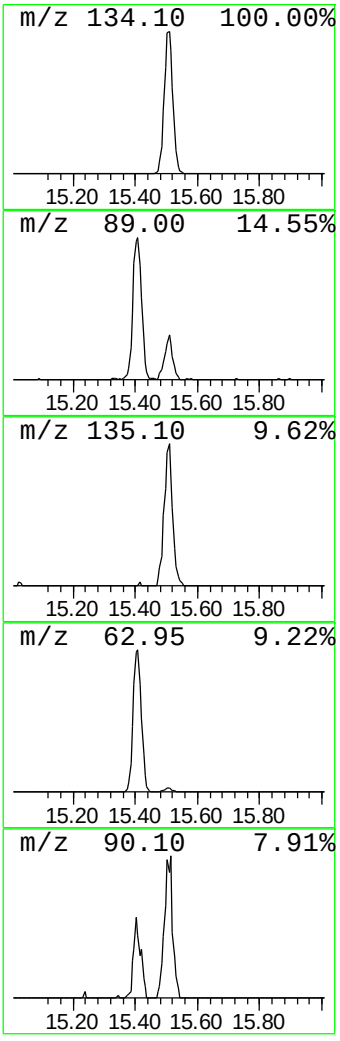
****

Peak Number 5 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	11.40 ug/l	417600	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	6-Phenyl-[1,3]thiazine-2,4-dione	205	C10H7NO2S	1000300-90-1	64
5	1-Phenyl-2-acetoxy-prop-1-en	176	C11H12O2	024175-87-9	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066745.D
Acq On : 17 Sep 2020 15:33
Operator : VA/SY
Sample : L4038-11
Misc : 6.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PAV-B36-091620-14-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260

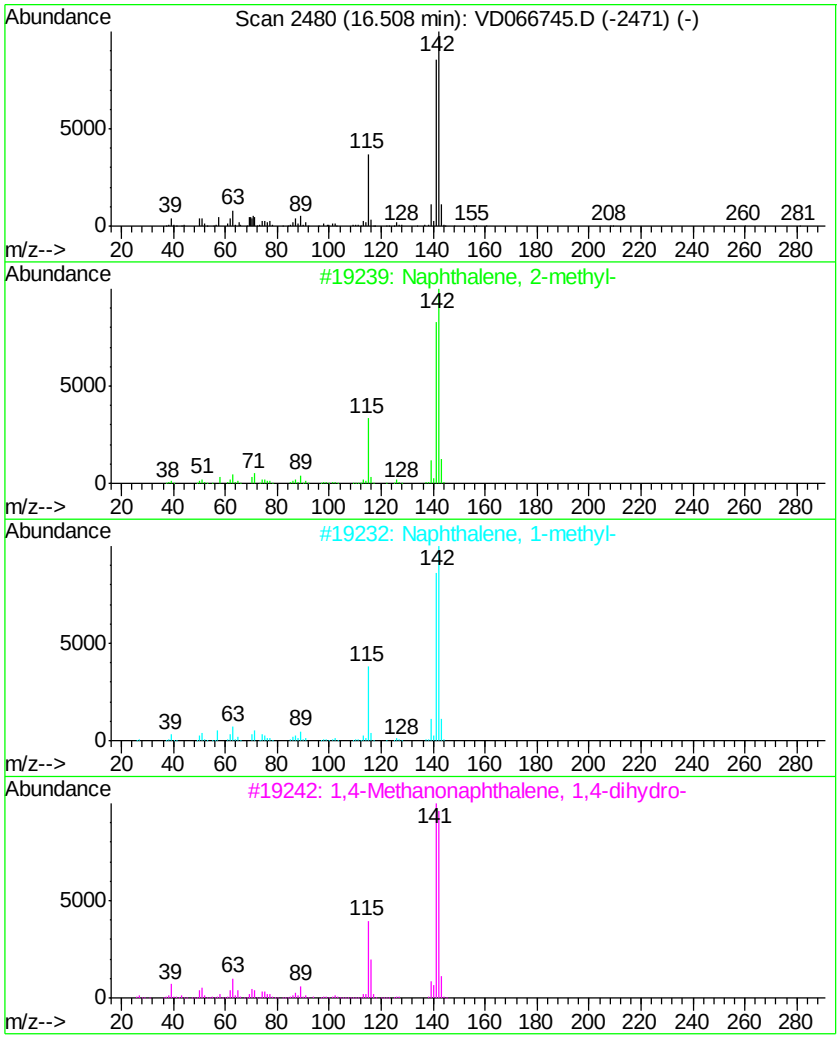
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

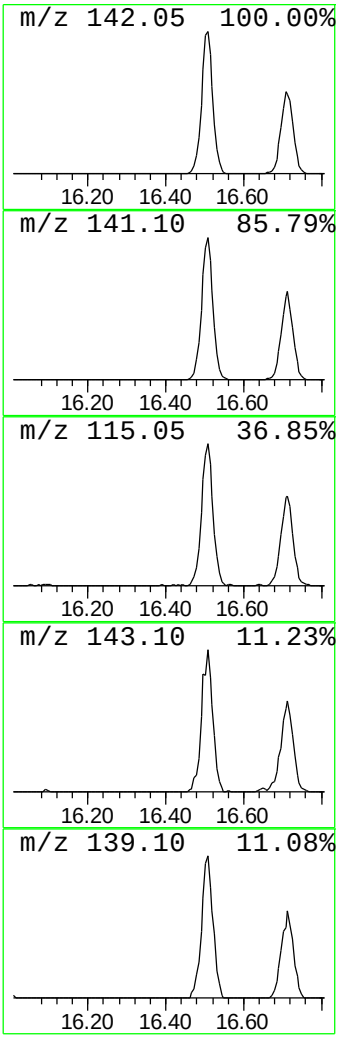
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	28.78 ug/l	1054770	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066745.D
Acq On : 17 Sep 2020 15:33
Operator : VA/SY
Sample : L4038-11
Misc : 6.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PAV-B36-091620-14-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260

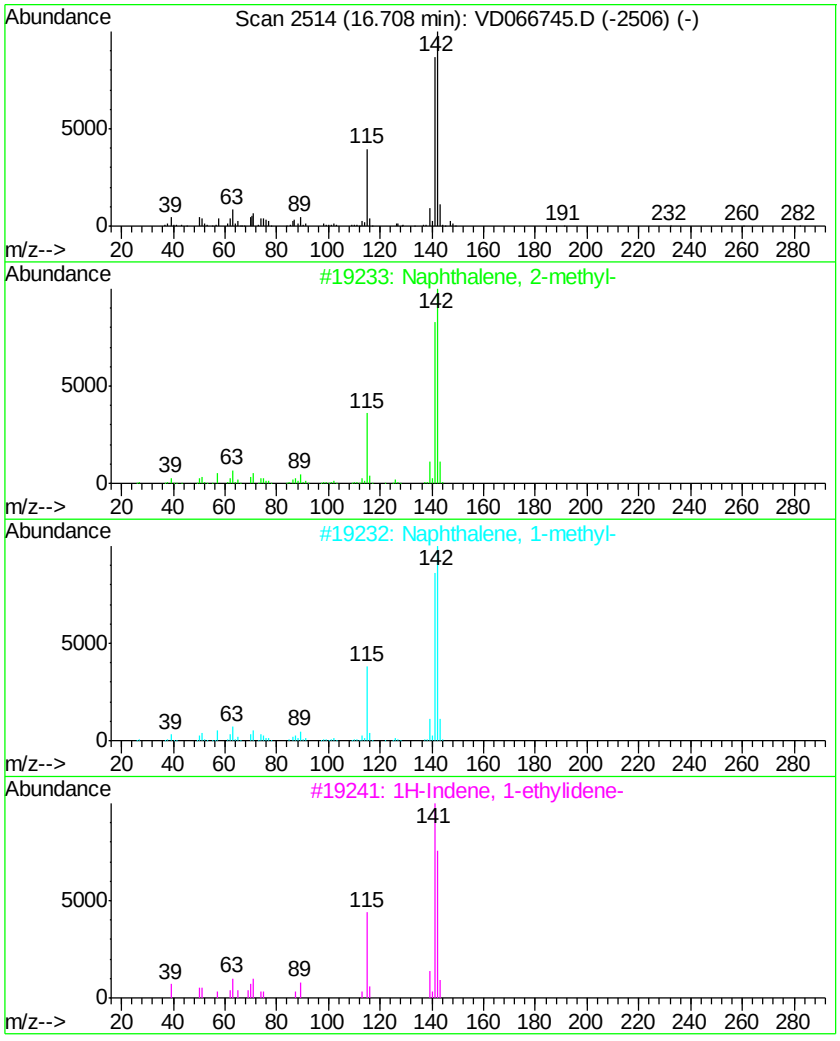
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

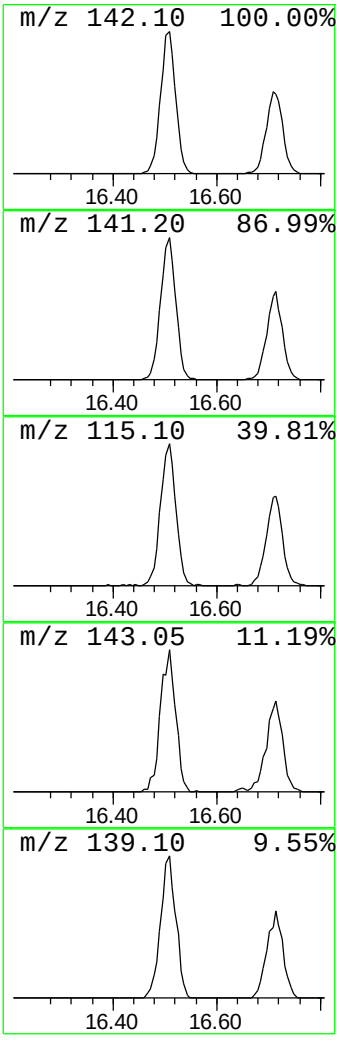
****

Peak Number 7 1H-Indene, 1-ethylidene- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	19.63 ug/l	719377	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	95
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091720\
Data File : VD066745.D
Acq On : 17 Sep 2020 15:33
Operator : VA/SY
Sample : L4038-11
Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PAV-B36-091620-14-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.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, 1-ethyl-...	12.88	5.7	ug/l	207121	4	13.58	1832210	50.0
Indane	13.78	71.0	ug/l	2601770	4	13.58	1832210	50.0
Indan, 1-methyl-	14.23	5.6	ug/l	205143	4	13.58	1832210	50.0
Benzene, 2-butenyl-	14.84	7.5	ug/l	276369	4	13.58	1832210	50.0
Benzo[c]thiophene	15.51	11.4	ug/l	417600	4	13.58	1832210	50.0
Naphthalene, 1-me...	16.51	28.8	ug/l	1054770	4	13.58	1832210	50.0
1H-Indene, 1-ethy...	16.71	19.6	ug/l	719377	4	13.58	1832210	50.0