LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_U\METHOD\SOMUTR033120WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.668	1019	1035	1057	rBV	60643	141190	1.29%	0.619%
2	5.105	1155	1171	1190	rBV	51665	116559	1.07%	0.511%
3	5.761	1355	1375	1396	rBV2	101064	259493	2.38%	1.138%
4	6.282	1523	1537	1554	rVB	114906	213663	1.96%	0.937%
5	6.722	1659	1674	1689	rBV2	67432	130867	1.20%	0.574%
6	7.922	2035	2047	2061	rBV	118890	207910	1.90%	0.912%
7	8.658	2261	2276	2298	rBV	219262	373729	3.42%	1.640%
8	9.436	2507	2518	2535	rVB	166345	267381	2.45%	1.173%
9	9.710	2592	2603	2615	rBV	71002	113886	1.04%	0.500%
10	10.774	2922	2934	2945	rVB3	73493	124937	1.14%	0.548%
11	11.012	2992	3008	3025	rBV	69127	147901	1.35%	0.649%
12	11.102	3025	3036	3049	rVB	89479	136277	1.25%	0.598%
13	11.481	3143	3154	3167	rVB	159325	237780	2.18%	1.043%
14	11.825	3246	3261	3274	rVB2	186199	358682	3.29%	1.574%
15	12.108	3331	3349	3368	rBV	1005383	1567728	14.36%	6.878%
16	12.205	3368	3379	3392	rVB2	161928	258300	2.37%	1.133%
17	12.324	3403	3416	3429	rVB	121325	192601	1.76%	0.845%
18	13.047	3631	3641	3652	rBV2	136636	245006	2.24%	1.075%
19	13.478	3764	3775	3789	rVB3	98564	160214	1.47%	0.703%
20	14.118	3955	3974	3994	rBV	6766094	10916622	100.00%	47.893%
21	14.237	3999	4011	4024	rVV	161465	256607	2.35%	1.126%
22	15.262	4319	4330	4353	rVV	2461109	3972994	36.39%	17.430%
23	15.452	4376	4389	4407	rVB	1039071	1697238	15.55%	7.446%
24	16.002	4548	4560	4574	rVB	271936	434250	3.98%	1.905%
25	16.314	4645	4657	4676	rBV	73827	133124	1.22%	0.584%
26	16.462	4691	4703	4710	rBV2	74037	128751	1.18%	0.565%

Sum of corrected areas: 22793690

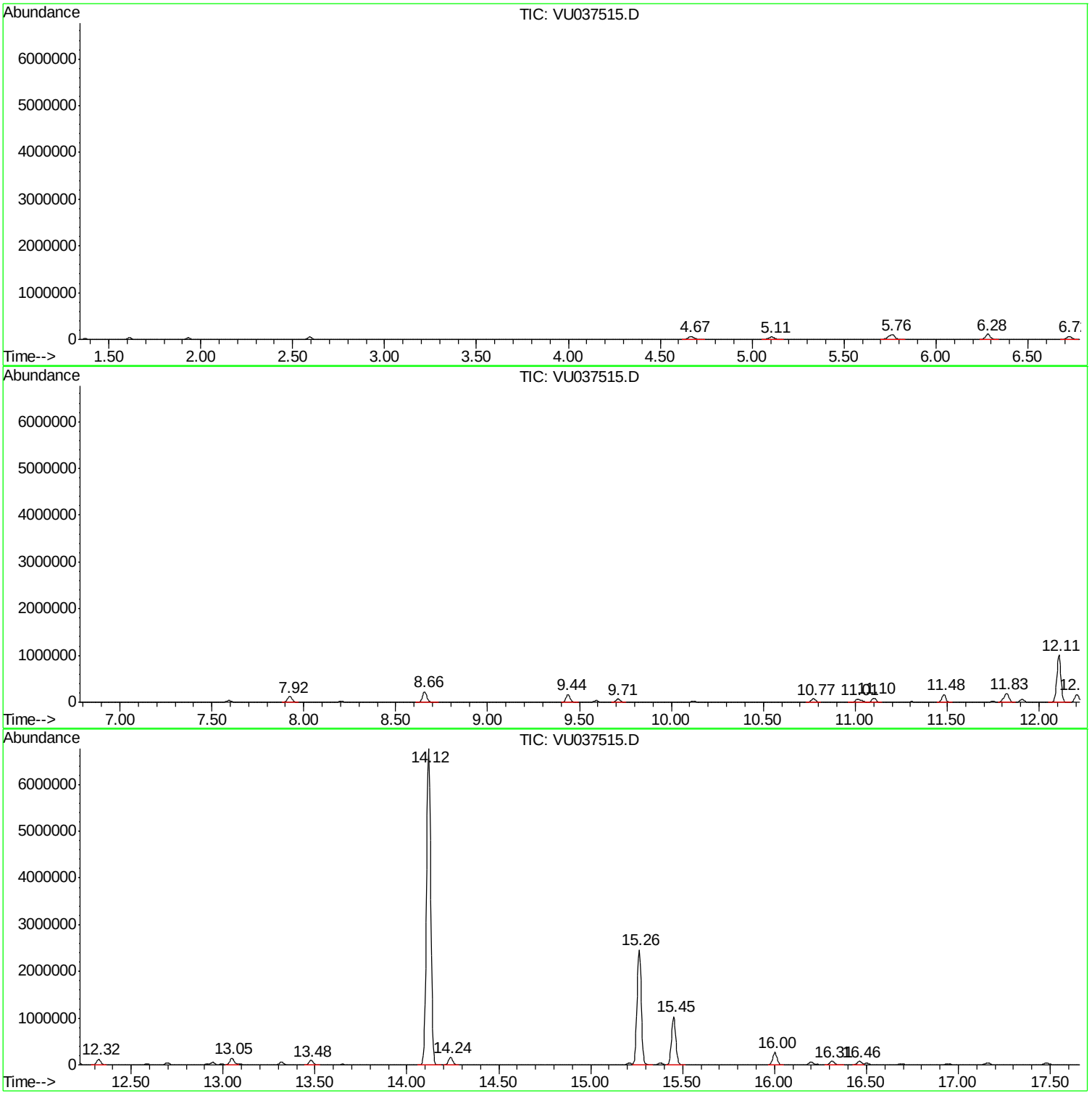
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

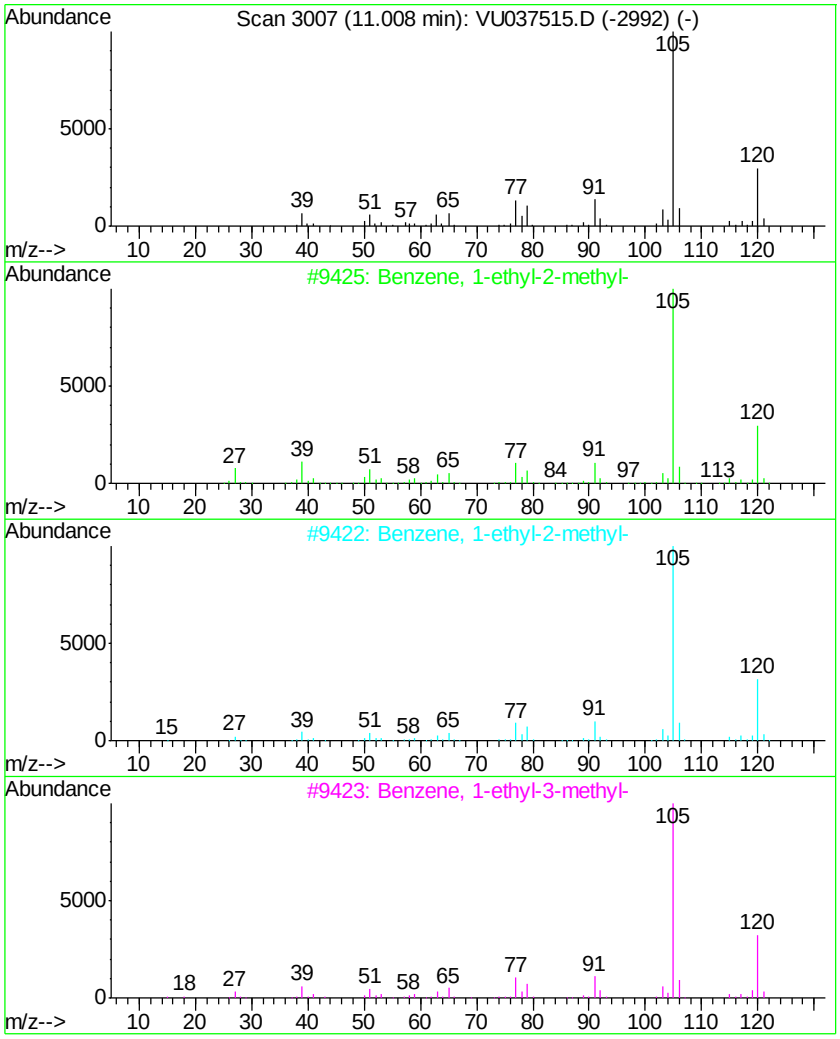
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

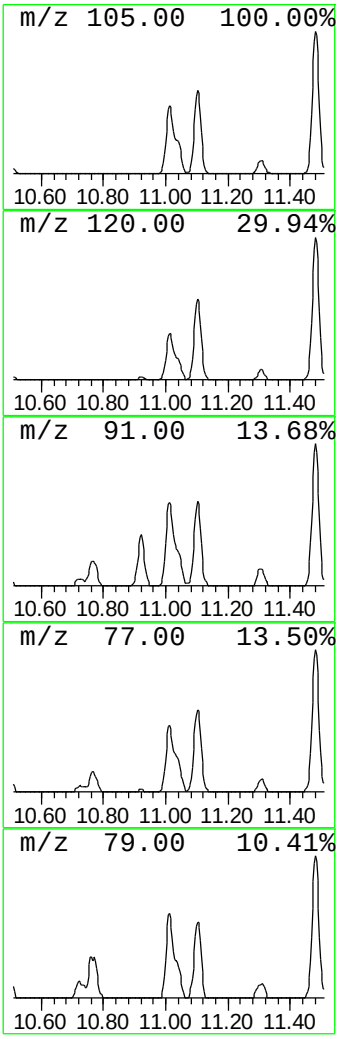
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	2.06 ug/L	147901	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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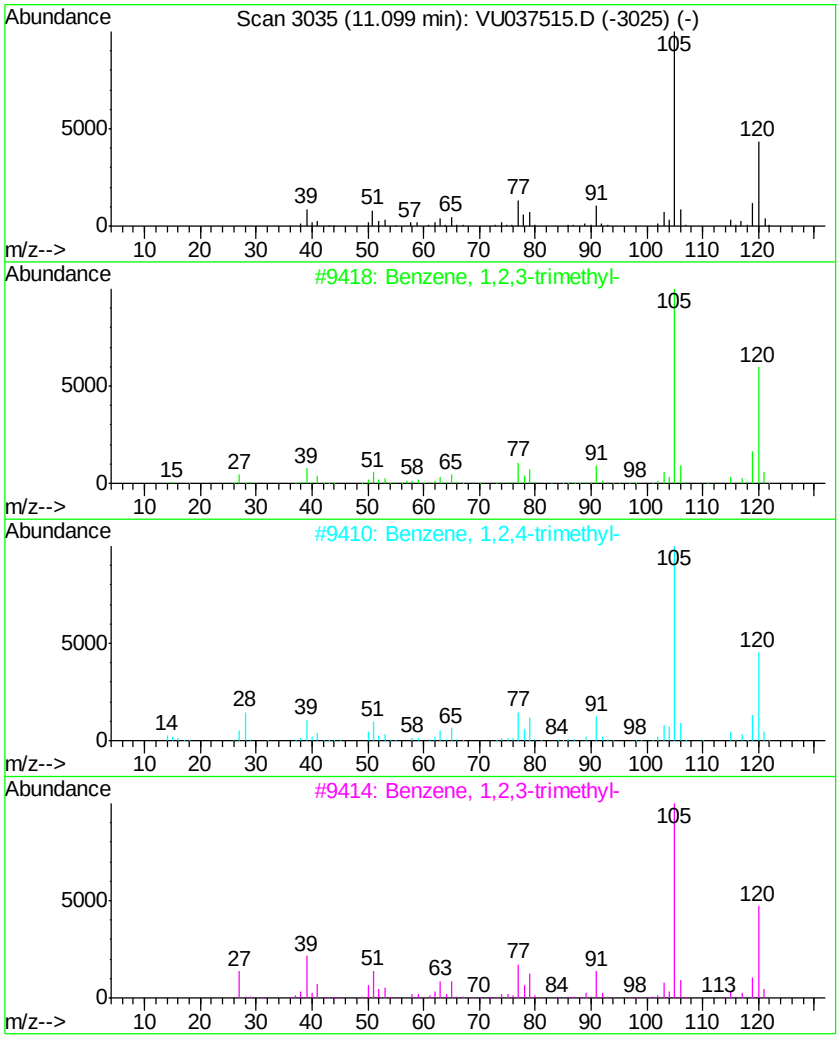
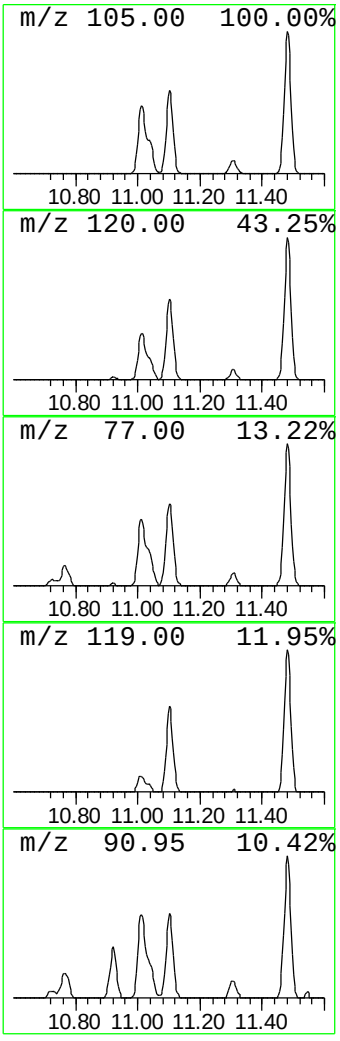
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	1.90 ug/L	136277	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

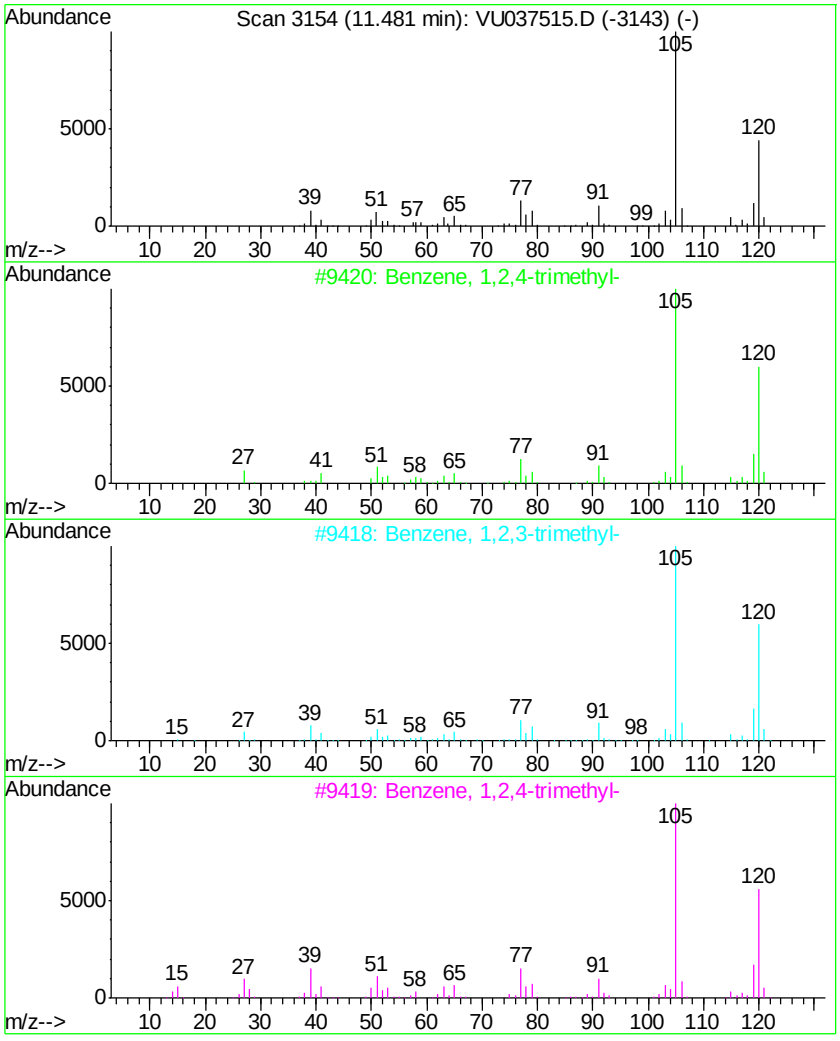
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

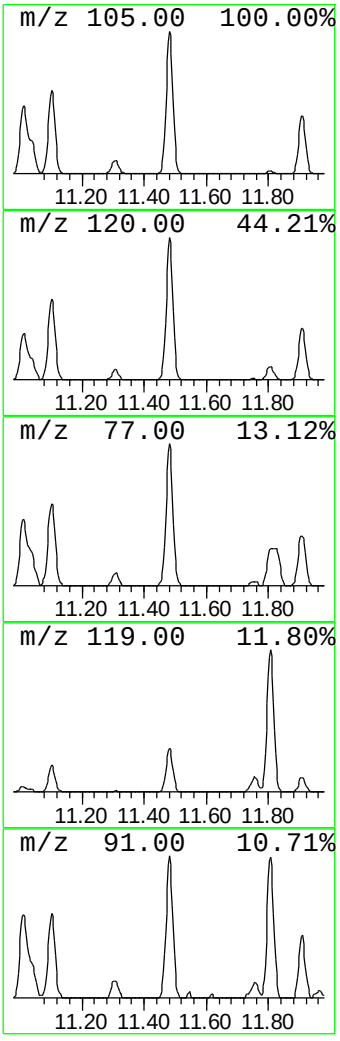
****

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	3.31 ug/L	237780	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

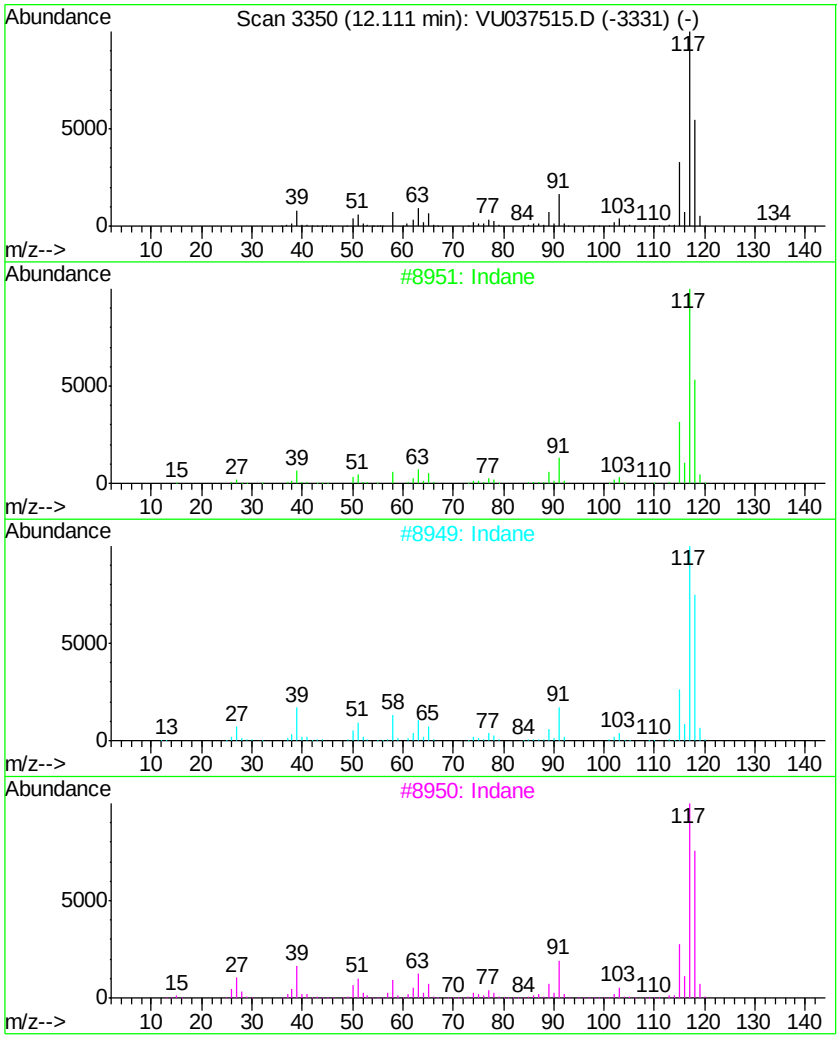
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

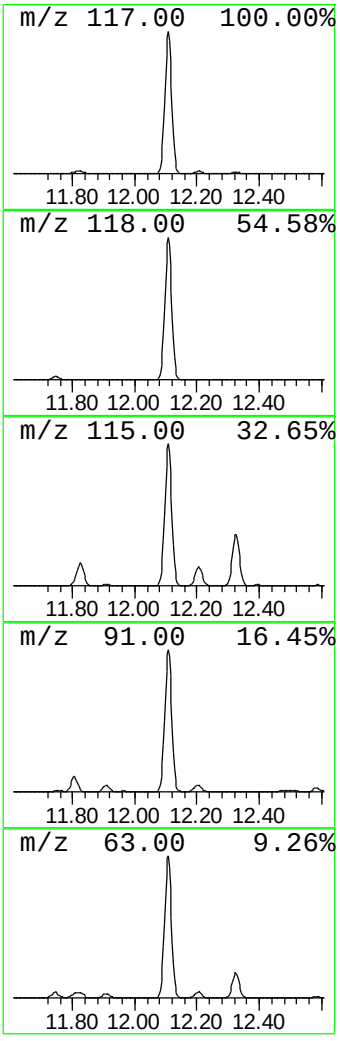
****

Peak Number 4 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	21.85 ug/L	1567730	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

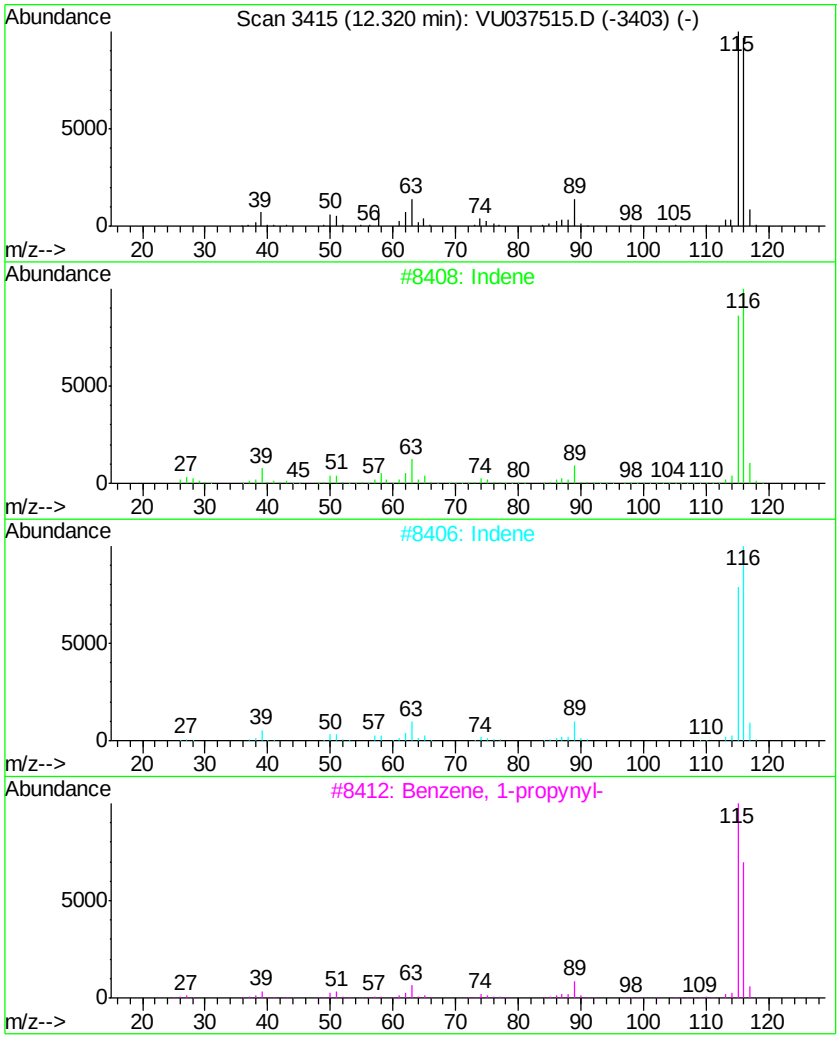
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

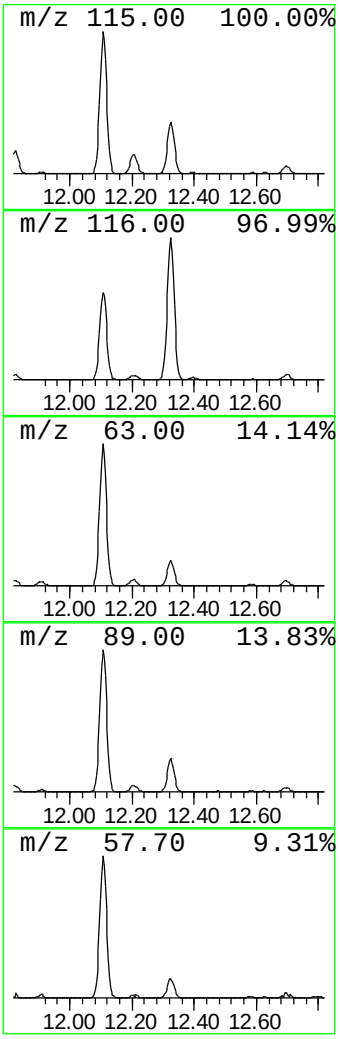
****

Peak Number 5 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.68 ug/L	192601	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	93
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

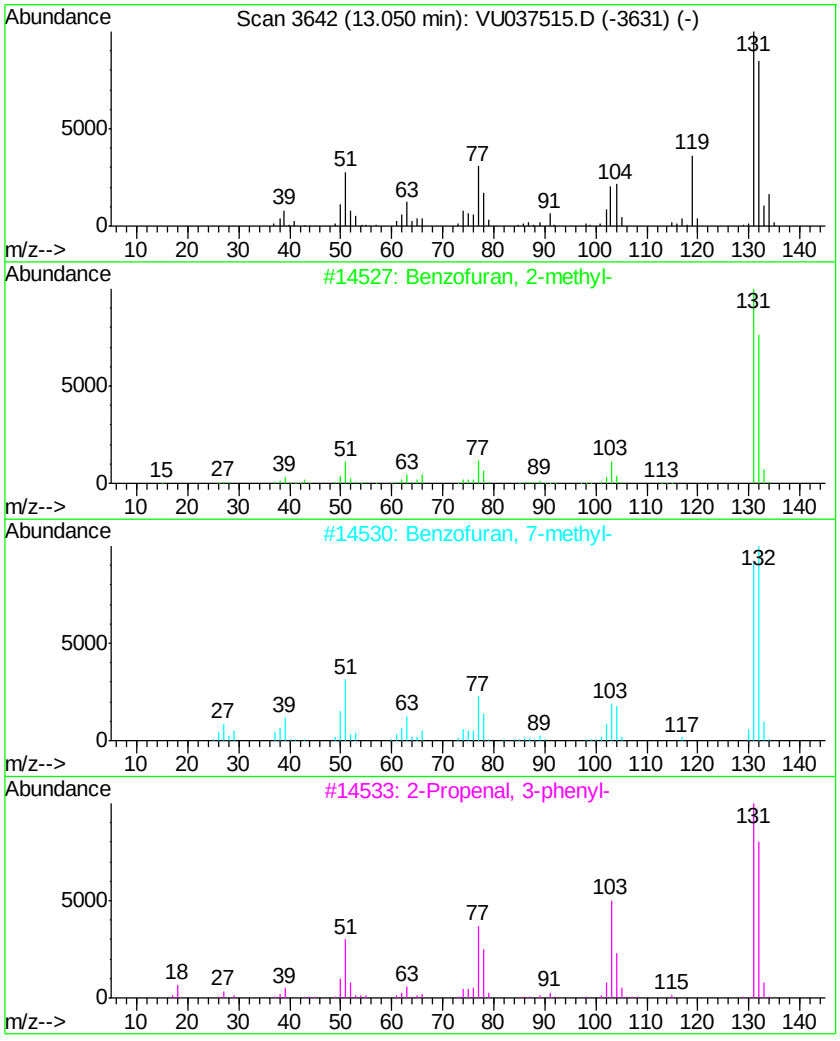
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

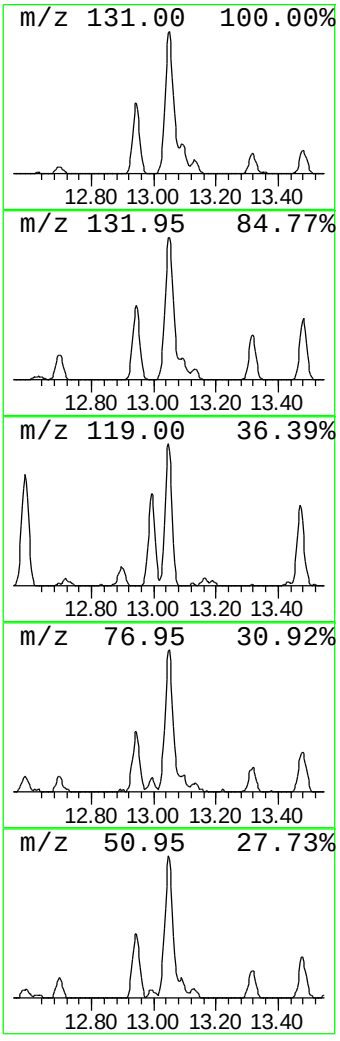
****

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	3.42 ug/L	245006	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	89
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	76
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

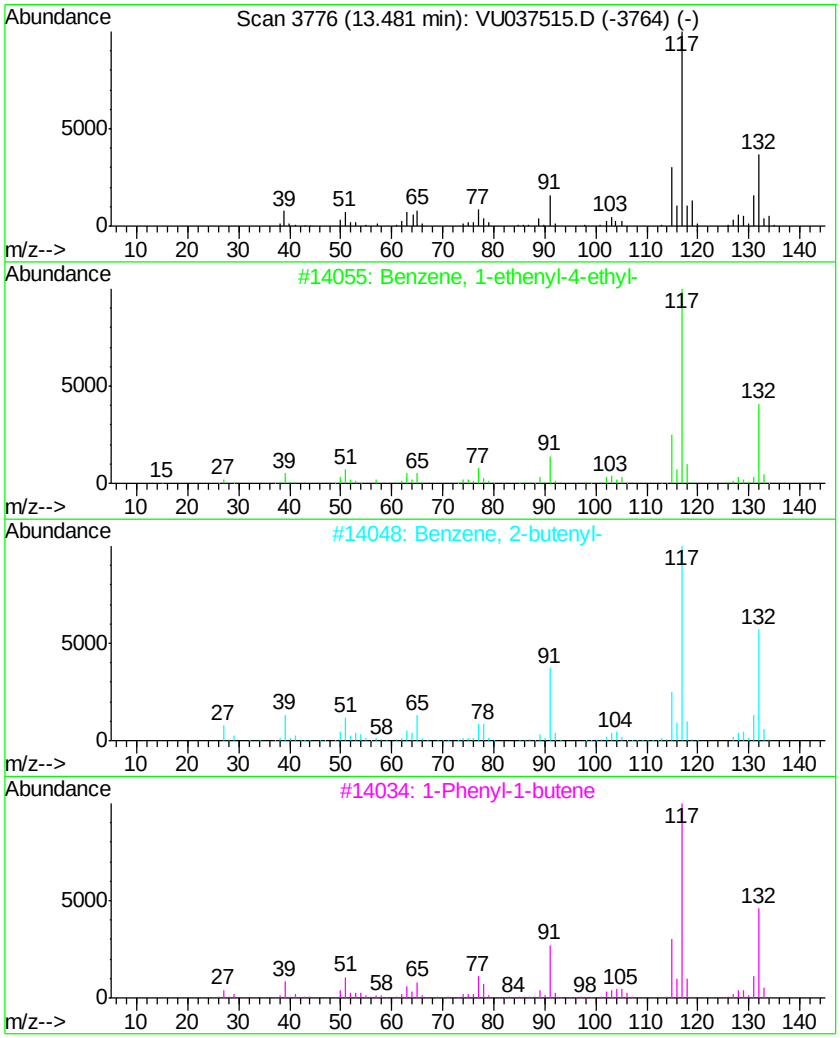
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

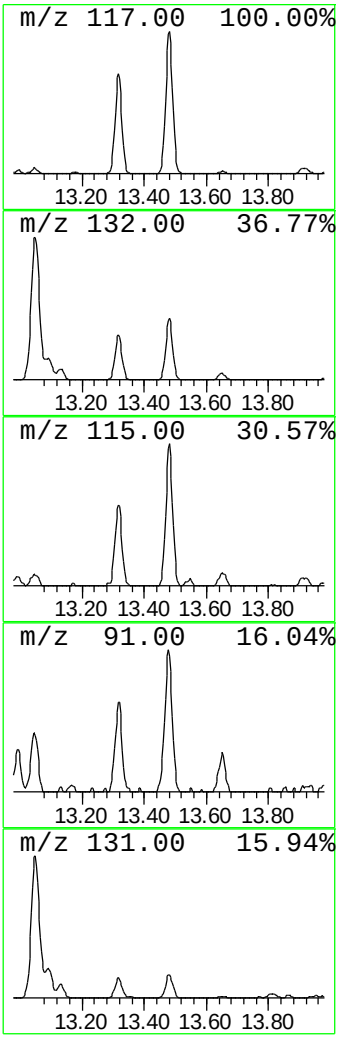
****

Peak Number 7 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	2.23 ug/L	160214	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

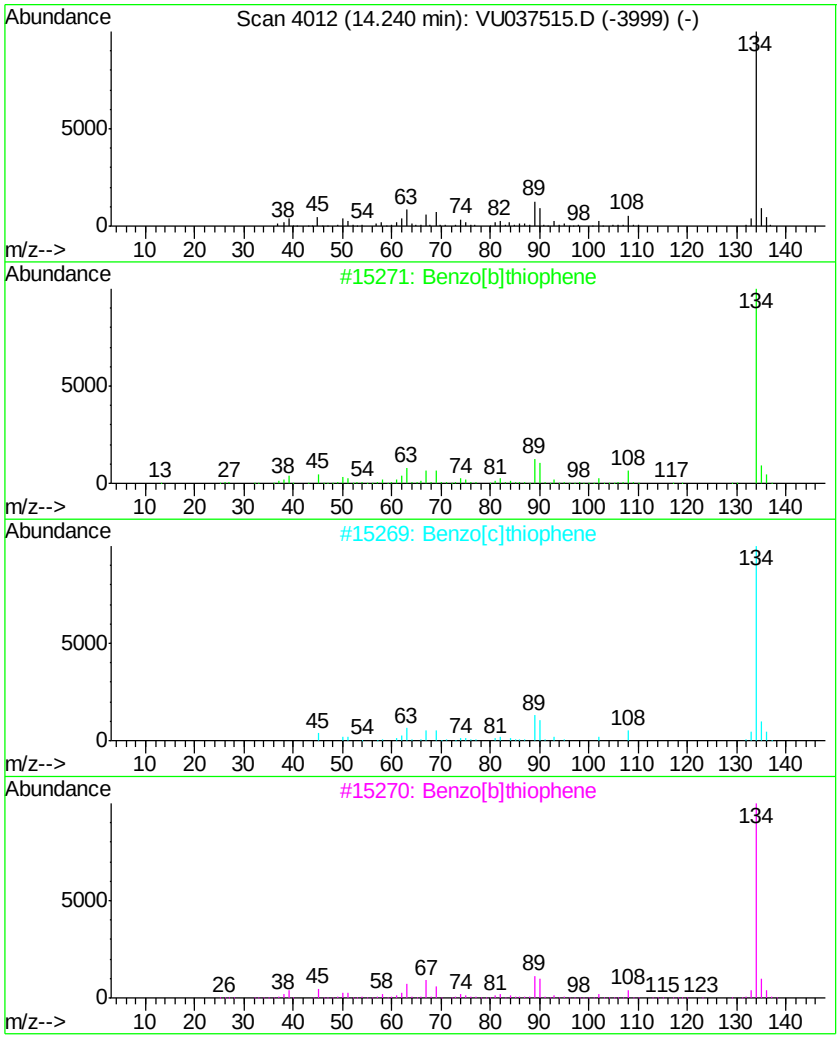
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

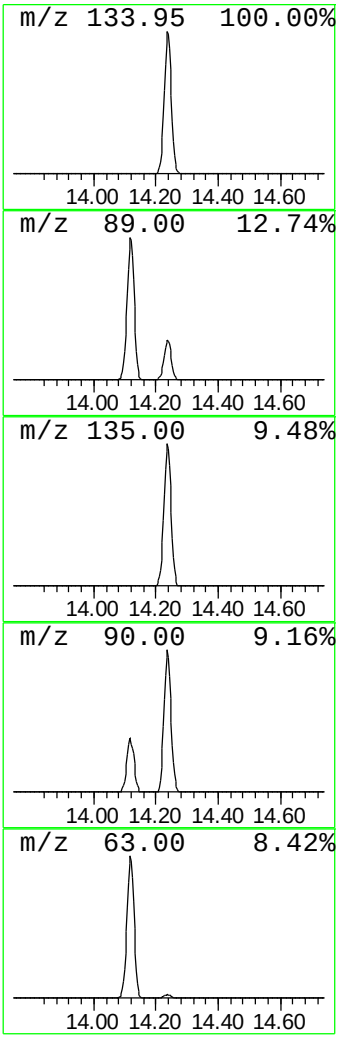
****

Peak Number 9 Benzo[b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	3.58 ug/L	256607	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

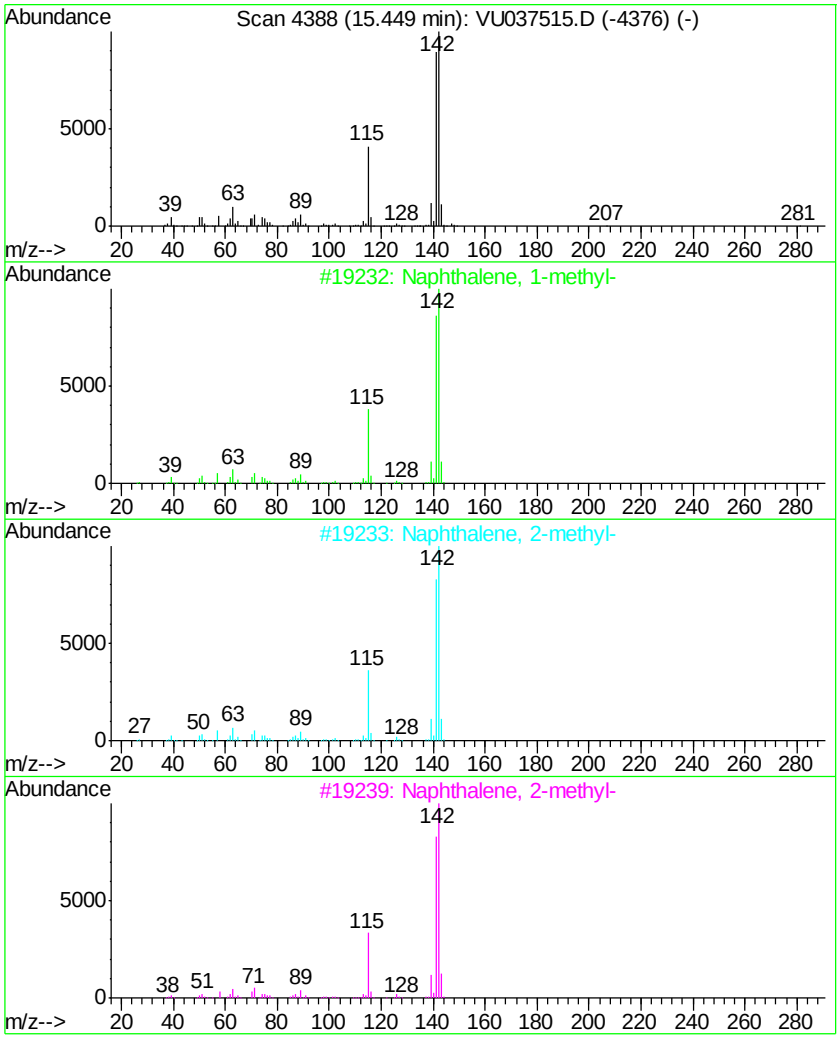
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

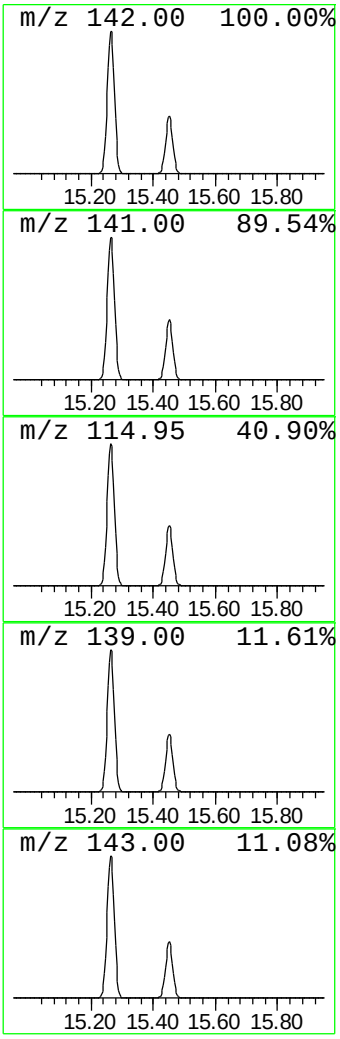
****

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	23.66 ug/L	1697240	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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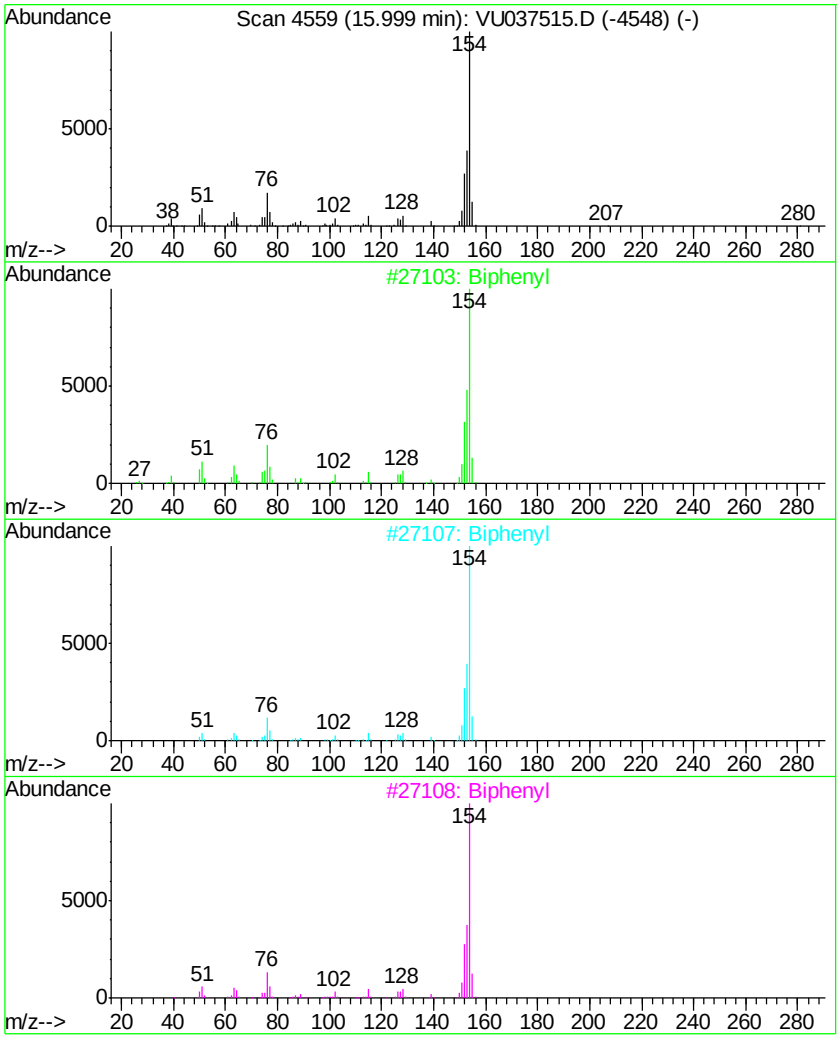
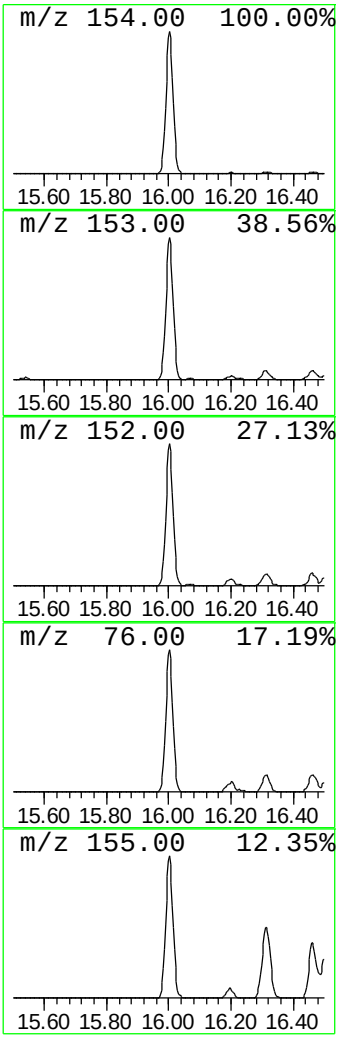
Peak Number 12 Biphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	6.05 ug/L	434250	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	96
2	Biphenyl	154	C12H10	000092-52-4	95
3	Biphenyl	154	C12H10	000092-52-4	95
4	Biphenyl	154	C12H10	000092-52-4	94
5	Biphenyl	154	C12H10	000092-52-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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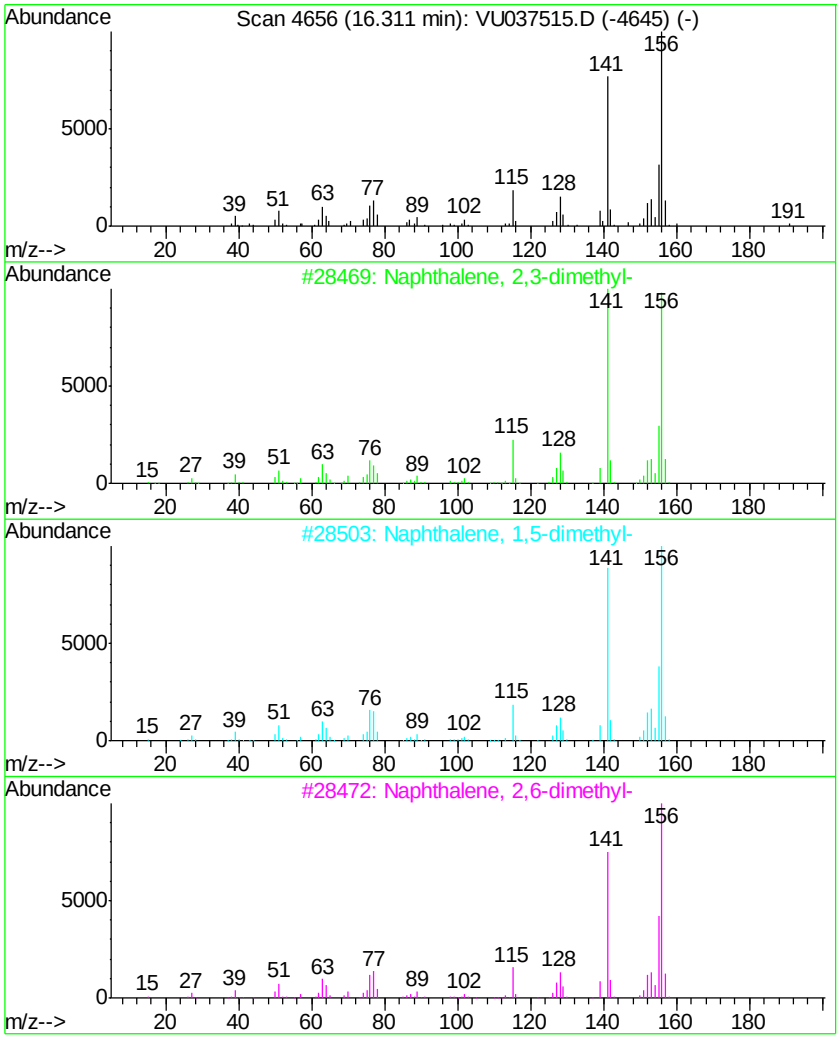
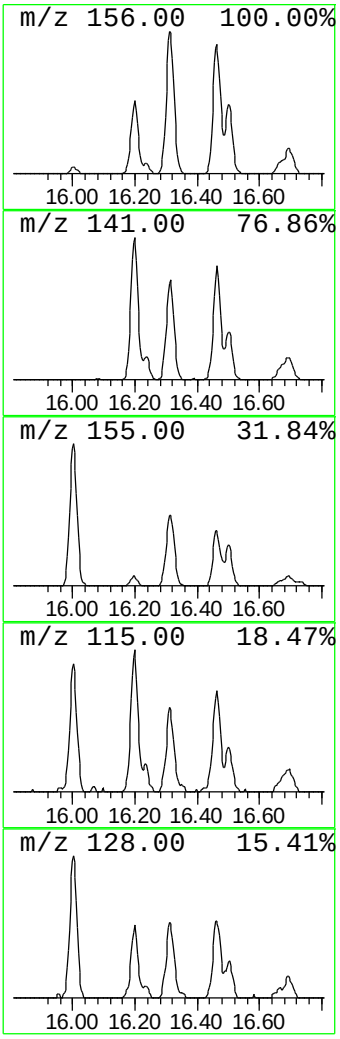
Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	1.86 ug/L	133124	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033120\
Data File : VU037515.D
Acq On : 31 Mar 2020 23:15
Operator : JC/MD
Sample : L2065-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBF05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

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-...	11.01	2.1	ug/L	147901	3	11.83	358682	5.0
Benzene, 1,2,3-tr...	11.10	1.9	ug/L	136277	3	11.83	358682	5.0
Benzene, 1,2,4-tr...	11.48	3.3	ug/L	237780	3	11.83	358682	5.0
Indane	12.11	21.9	ug/L	1567730	3	11.83	358682	5.0
Indene	12.32	2.7	ug/L	192601	3	11.83	358682	5.0
Benzofuran, 2-met...	13.05	3.4	ug/L	245006	3	11.83	358682	5.0
Benzene, 1-etheny...	13.48	2.2	ug/L	160214	3	11.83	358682	5.0
Benzo[b]thiophene	14.24	3.6	ug/L	256607	3	11.83	358682	5.0
Naphthalene, 1-me...	15.45	23.7	ug/L	1697240	3	11.83	358682	5.0
Biphenyl	16.00	6.0	ug/L	434250	3	11.83	358682	5.0
Naphthalene, 2,3-...	16.31	1.9	ug/L	133124	3	11.83	358682	5.0