LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022020\
Data File : VU036865.D
Acq On : 20 Feb 2020 13:05
Operator : JC/MD
Sample : L1580-08DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBDJ9DL

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\SOMUTR021220WMA.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	11.484	3135	3155	3167	rBV	1177608	1832921	1.34%	0.960%
2	11.809	3247	3256	3275	rVB2	807915	1541571	1.13%	0.808%
3	12.111	3334	3350	3368	rBV	4436104	6850813	5.03%	3.589%
4	12.330	3403	3418	3432	rBV	7063884	10957325	8.04%	5.741%
5	13.050	3632	3642	3653	rBV	903285	1609473	1.18%	0.843%
6	14.147	3947	3983	3997	rBV2	58731185	136322417	100.00%	71.421%
7	14.249	4003	4015	4031	rBV	1644370	2587499	1.90%	1.356%
8	15.269	4320	4332	4356	rVB	11921074	19037046	13.96%	9.974%
9	15.455	4377	4390	4419	rVB	4900290	8120693	5.96%	4.255%
10	17.163	4906	4921	4945	rBV	1117874	2011754	1.48%	1.054%

Sum of corrected areas: 190871512

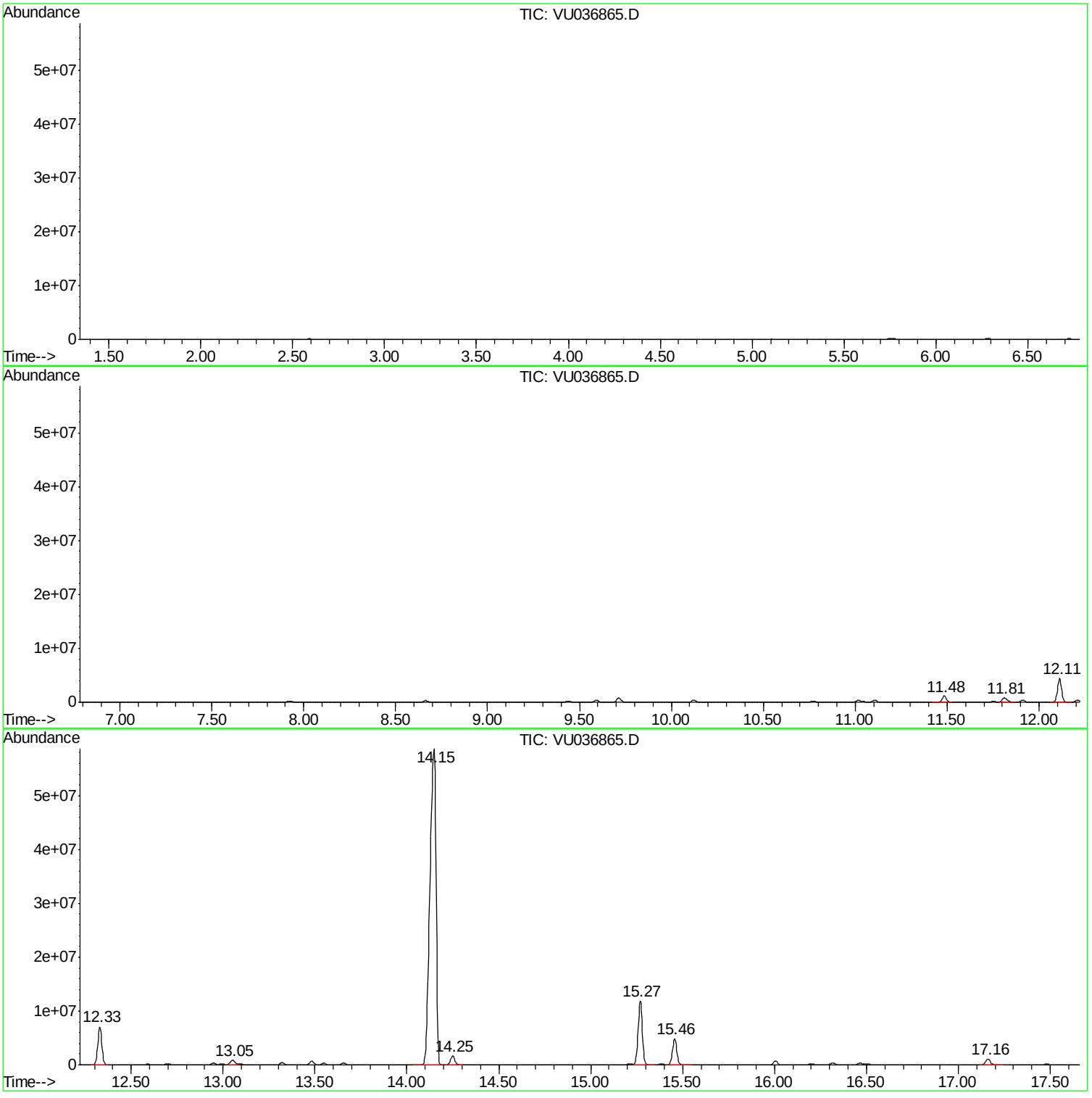
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022020\
Data File : VU036865.D
Acq On : 20 Feb 2020 13:05
Operator : JC/MD
Sample : L1580-08DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBDJ9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022020\
Data File : VU036865.D
Acq On : 20 Feb 2020 13:05
Operator : JC/MD
Sample : L1580-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBDJ9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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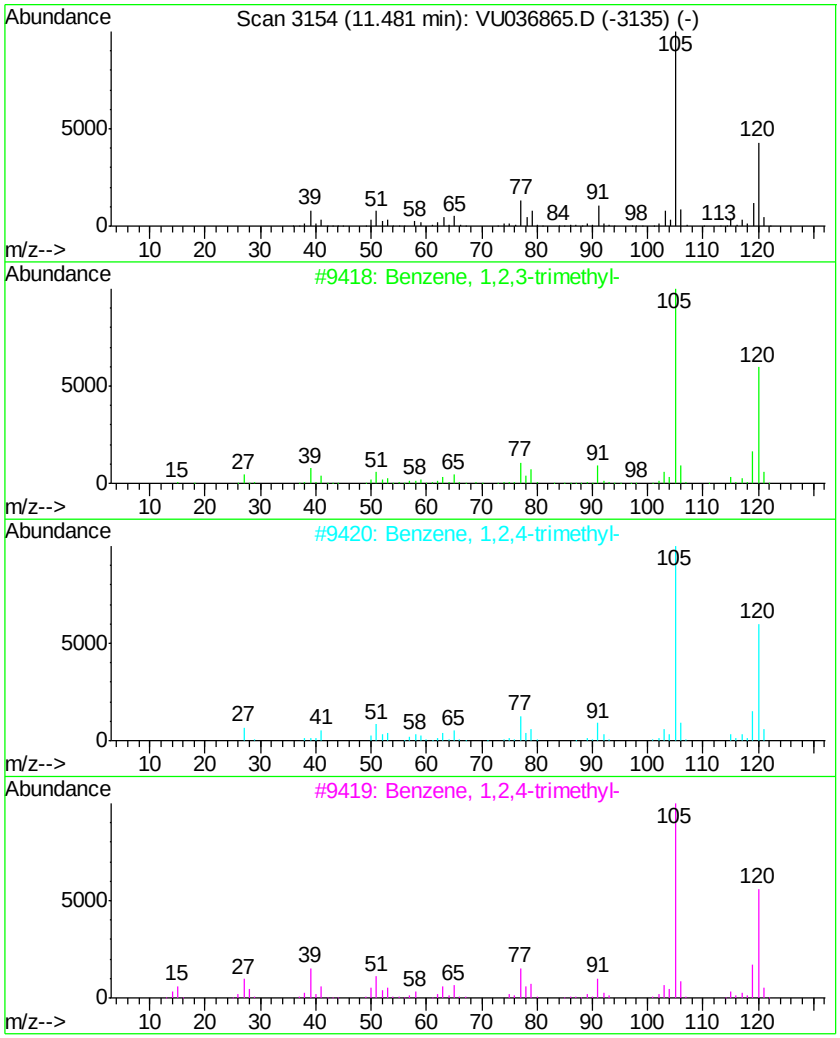
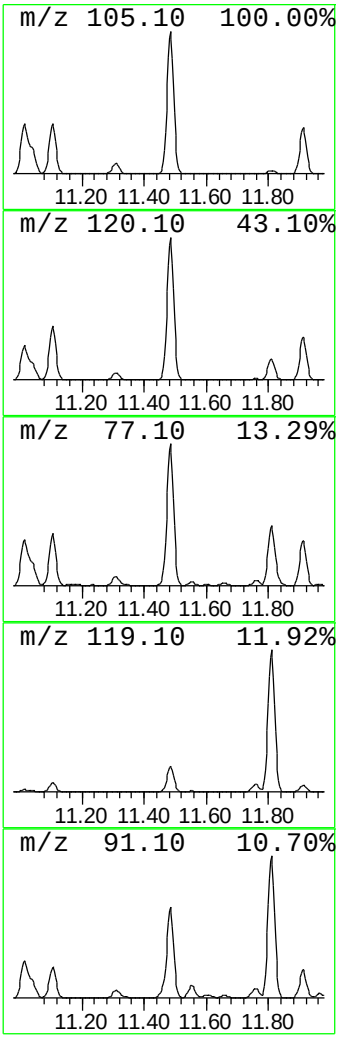
Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	5.94 ug/L	1832920	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	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022020\
Data File : VU036865.D
Acq On : 20 Feb 2020 13:05
Operator : JC/MD
Sample : L1580-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBDJ9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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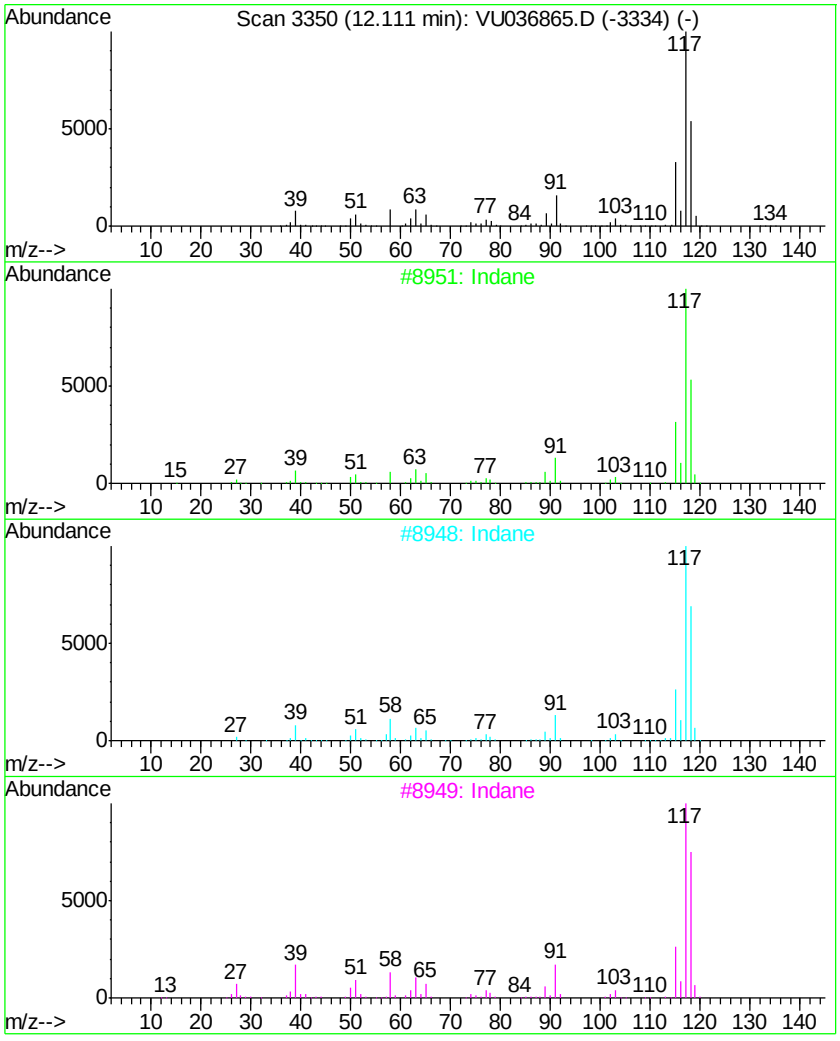
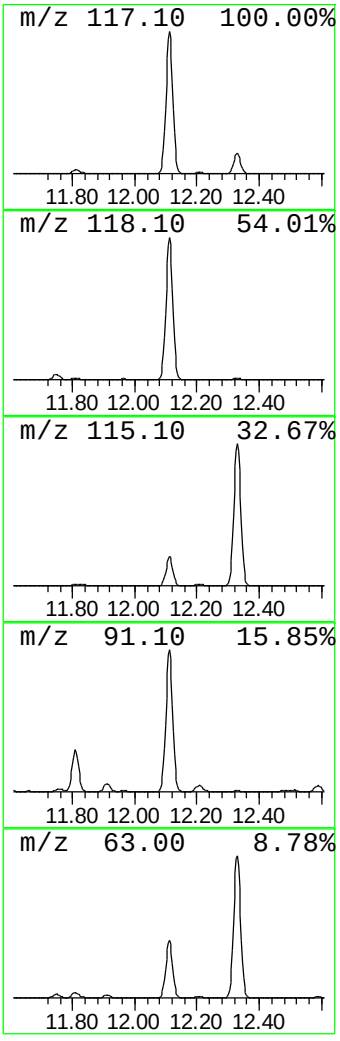
Peak Number 2 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	22.22 ug/L	6850810	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	92
4	Indane	118	C9H10	000496-11-7	90
5	Deltacyclene	118	C9H10	007785-10-6	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022020\
Data File : VU036865.D
Acq On : 20 Feb 2020 13:05
Operator : JC/MD
Sample : L1580-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBDJ9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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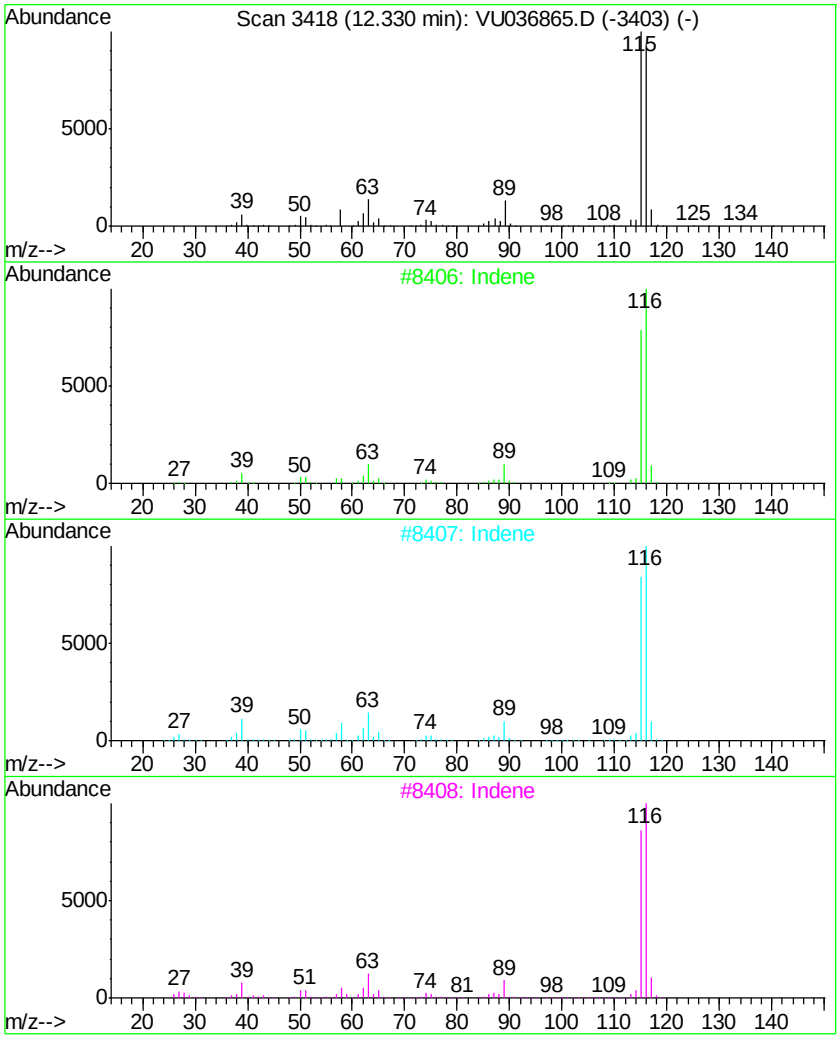
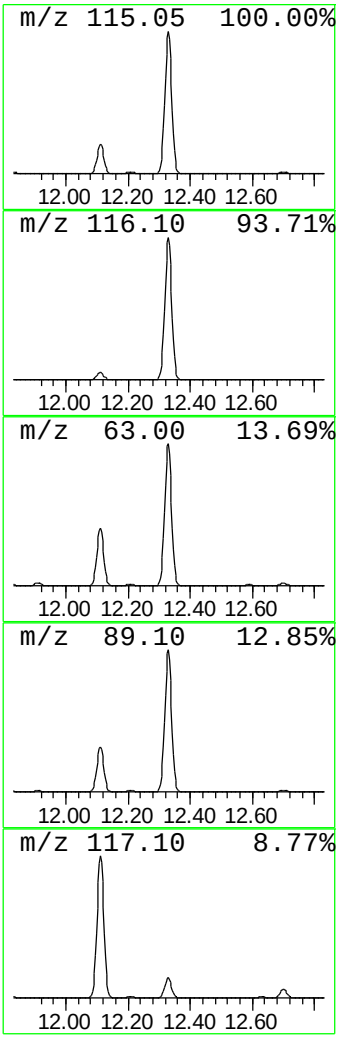
Peak Number 3 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	35.54 ug/L	10957300	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	96
3	Indene	116	C9H8	000095-13-6	95
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022020\
Data File : VU036865.D
Acq On : 20 Feb 2020 13:05
Operator : JC/MD
Sample : L1580-08DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBDJ9DL

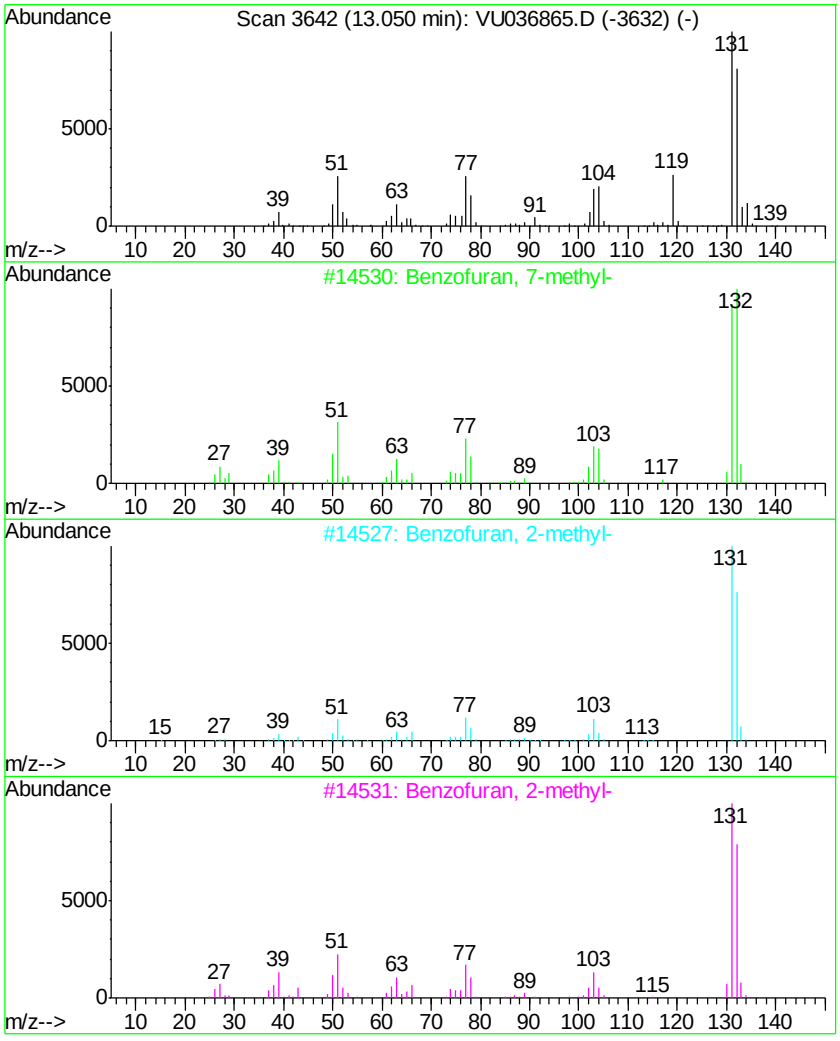
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

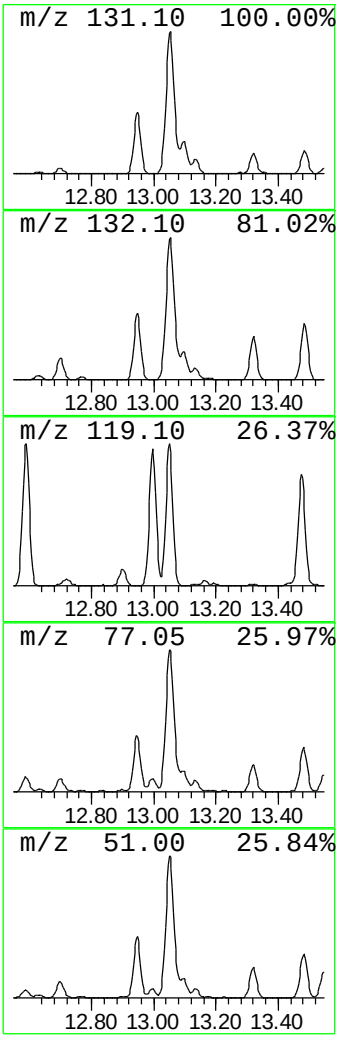
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	5.22 ug/L	1609470	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	95
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022020\
Data File : VU036865.D
Acq On : 20 Feb 2020 13:05
Operator : JC/MD
Sample : L1580-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBDJ9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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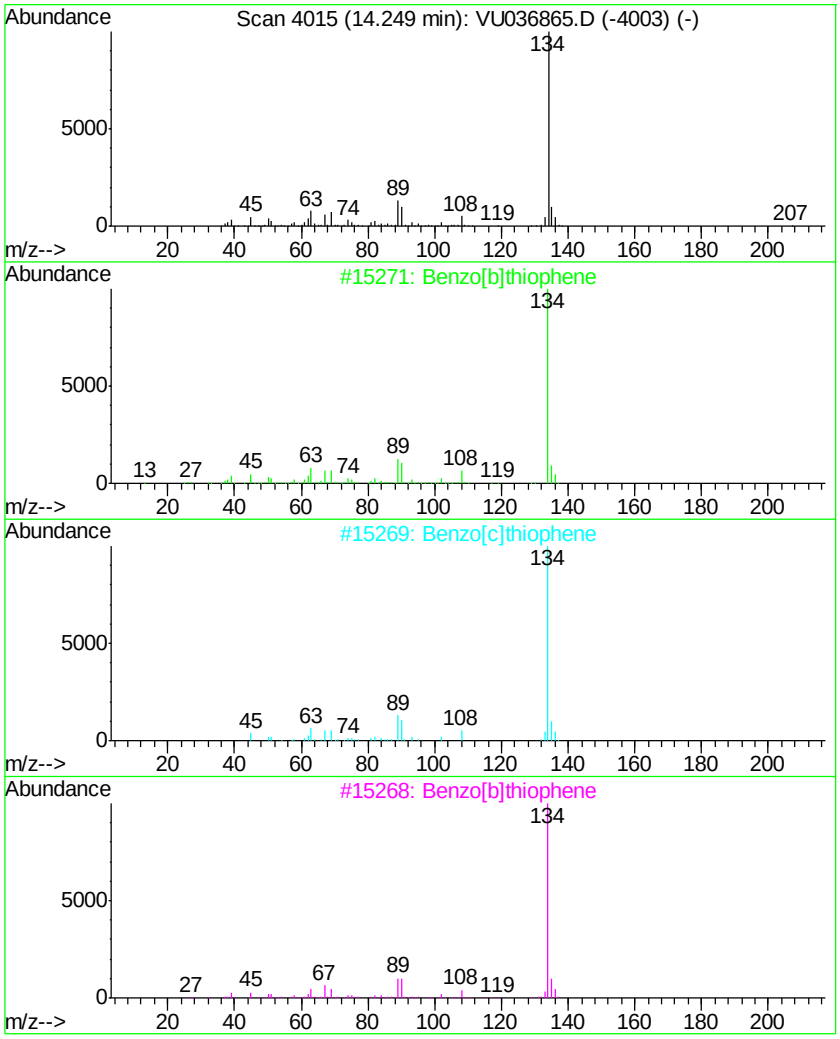
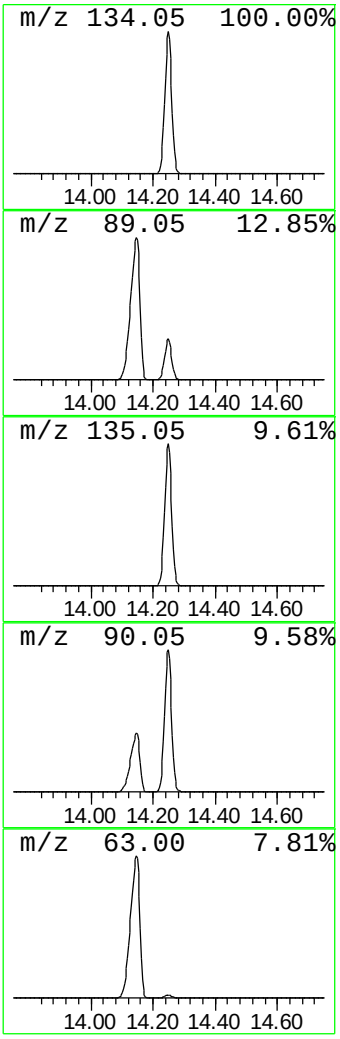
Peak Number 6 Benzo[b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	8.39 ug/L	2587500	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	97
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022020\
Data File : VU036865.D
Acq On : 20 Feb 2020 13:05
Operator : JC/MD
Sample : L1580-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBDJ9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

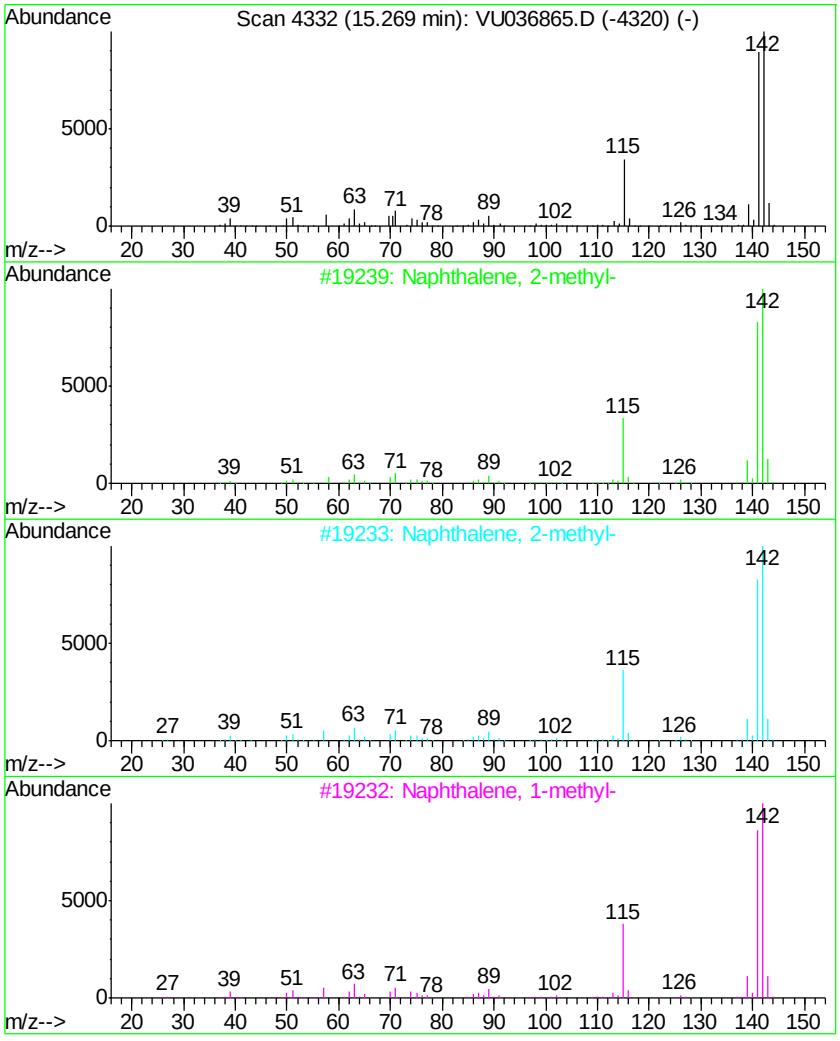
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

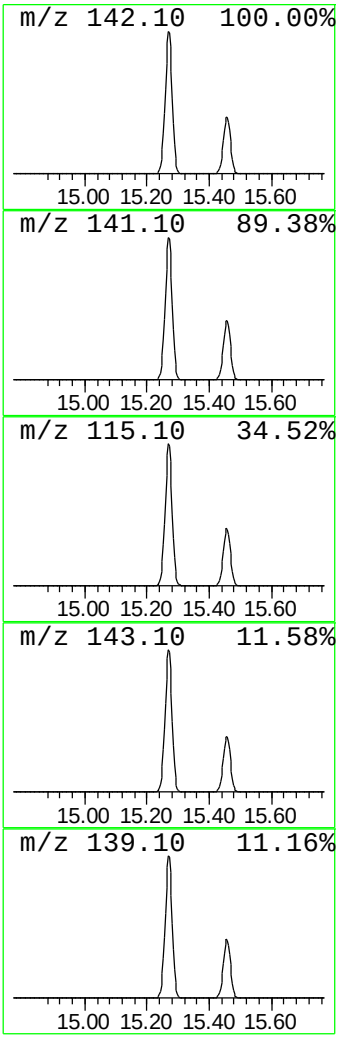
****

Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	61.75 ug/L	19037000	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022020\
Data File : VU036865.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.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, 1,2,3-tr...	11.48	5.9	ug/L	1832920	3	11.83	1541570	5.0
Indane	12.11	22.2	ug/L	6850810	3	11.83	1541570	5.0
Indene	12.33	35.5	ug/L	10957300	3	11.83	1541570	5.0
Benzofuran, 7-met...	13.05	5.2	ug/L	1609470	3	11.83	1541570	5.0
Benzo[b]thiophene	14.25	8.4	ug/L	2587500	3	11.83	1541570	5.0
Naphthalene, 2-me...	15.27	61.8	ug/L	19037000	3	11.83	1541570	5.0