

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040220\
 Data File : VU037552.D
 Acq On : 02 Apr 2020 13:47
 Operator : JC/MD
 Sample : L2065-18DL 8X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBF14DL

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\SOMUTR040120WMA.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	11.481	3134	3154	3166	rBV	926031	1440118	1.82%	1.200%
2	11.754	3217	3239	3247	rBV3	433889	969415	1.22%	0.808%
3	11.806	3247	3255	3275	rVB	958445	1660220	2.09%	1.384%
4	12.108	3329	3349	3367	rBV	2554830	4040922	5.10%	3.368%
5	12.327	3403	3417	3431	rBV	3862624	6041146	7.62%	5.035%
6	13.050	3631	3642	3652	rBV	656373	1182394	1.49%	0.985%
7	13.549	3786	3797	3815	rVB2	992773	1615394	2.04%	1.346%
8	13.655	3816	3830	3843	rVB2	507241	858821	1.08%	0.716%
9	14.143	3949	3982	3995	rBV2	36712736	79255881	100.00%	66.050%
10	14.246	3995	4014	4029	rBV	988663	1626362	2.05%	1.355%
11	15.269	4319	4332	4355	rVB	7841534	12868995	16.24%	10.725%
12	15.455	4377	4390	4411	rVB	3315513	5443832	6.87%	4.537%
13	16.002	4538	4560	4573	rBV	650467	1057603	1.33%	0.881%
14	17.159	4906	4920	4938	rBV	1085300	1933263	2.44%	1.611%

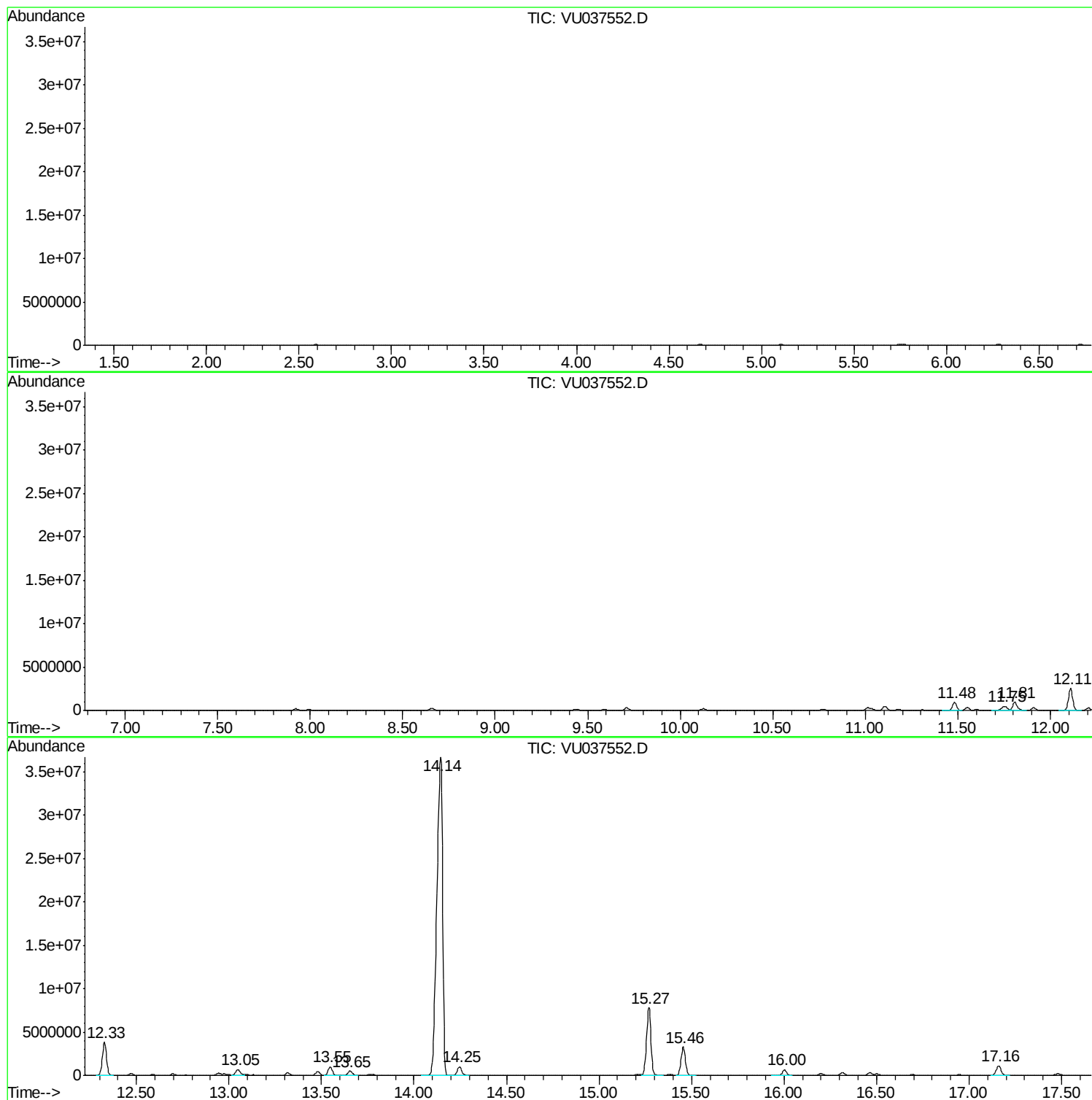
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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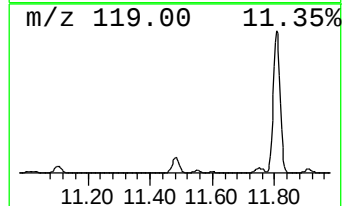
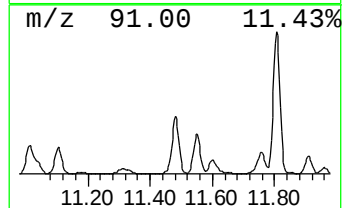
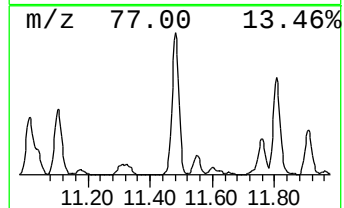
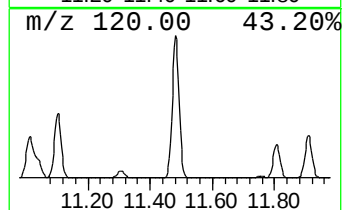
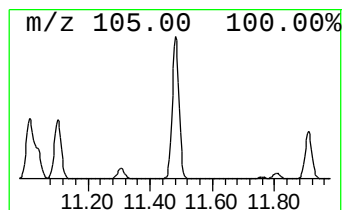
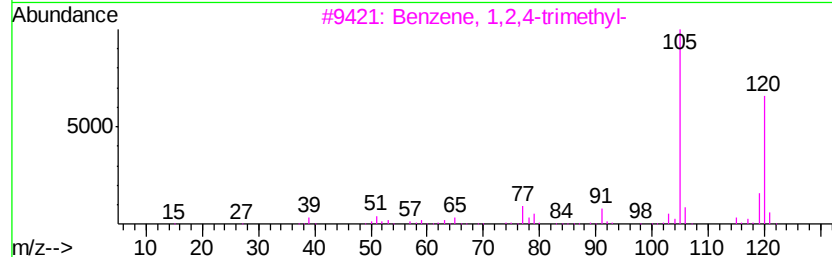
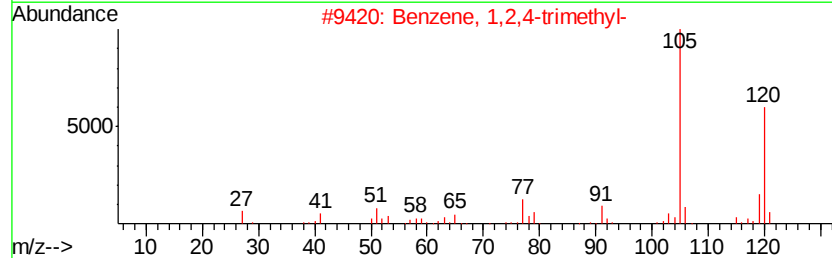
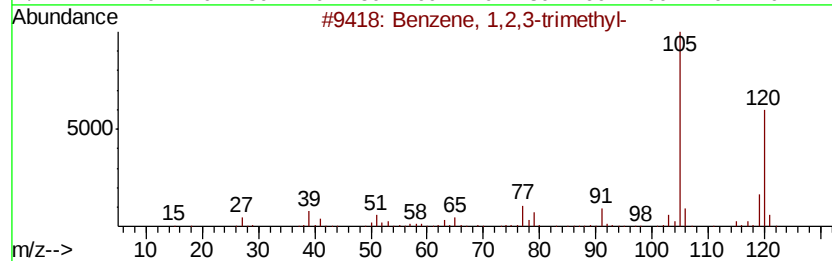
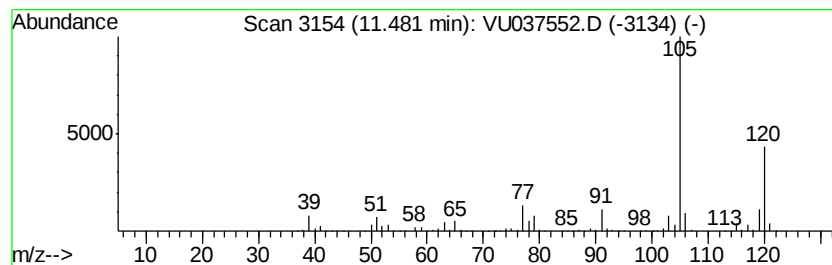
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	4.34 ug/L	1440120	1,4-Dichlorobenzene-d4	11.83

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



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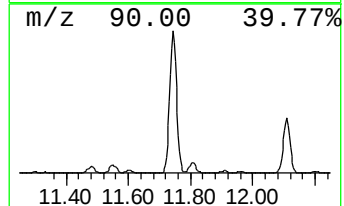
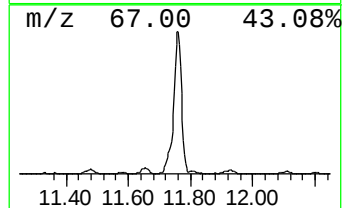
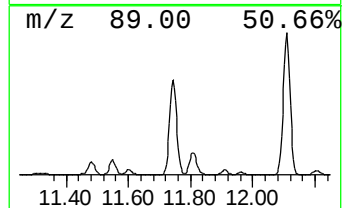
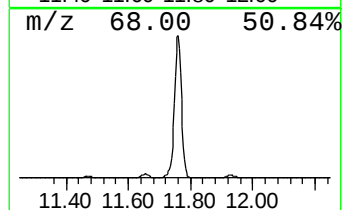
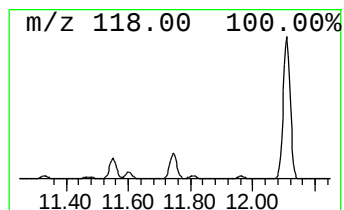
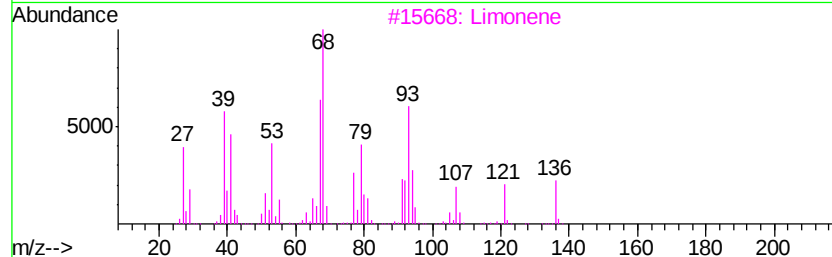
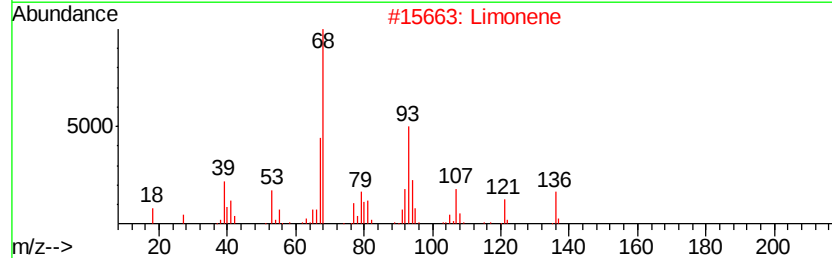
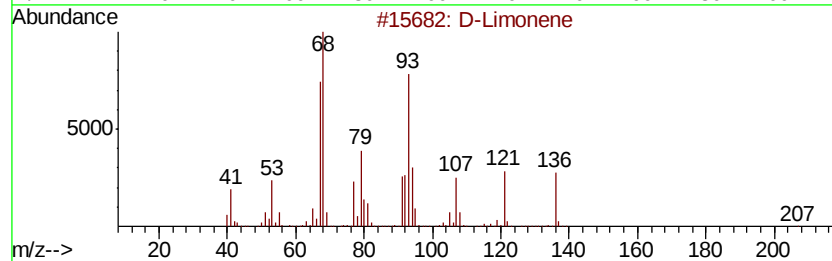
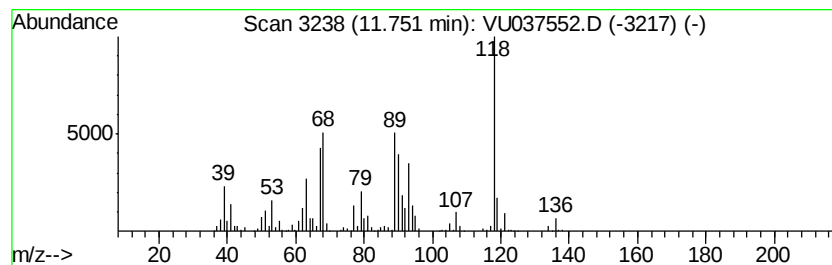
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 D-Limonene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.92 ug/L	969415	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	D-Limonene	136 C10H16	005989-27-5	95
2	Limonene	136 C10H16	000138-86-3	83
3	Limonene	136 C10H16	000138-86-3	60
4	Limonene	136 C10H16	000138-86-3	60
5	Cyclohexene, 1-methyl-4-(1-methy...	136 C10H16	005989-54-8	52



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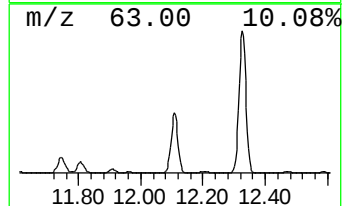
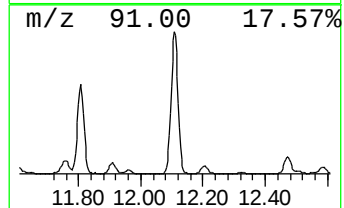
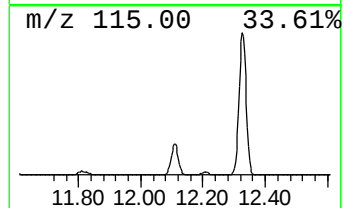
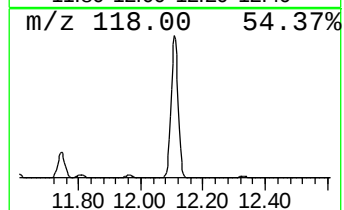
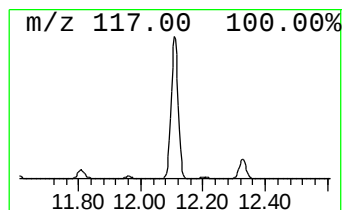
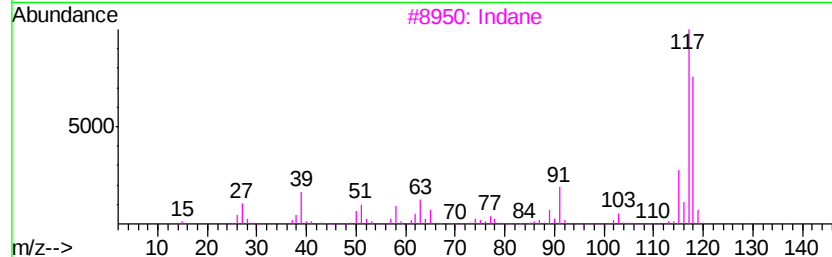
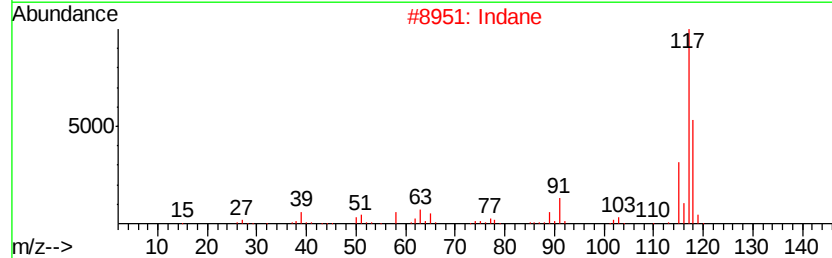
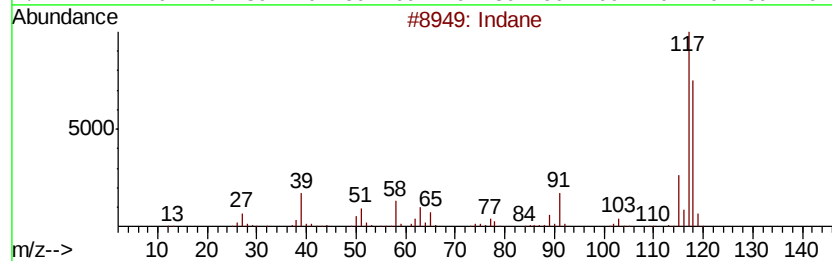
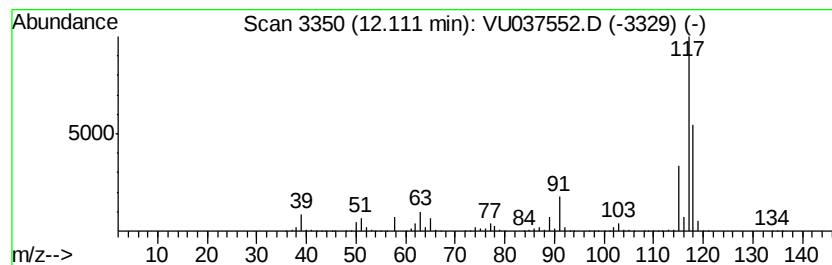
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	12.17 ug/L	4040920	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	91
3	Indane		118	C9H10	000496-11-7	90
4	Benzene, 2-propenyl-		118	C9H10	000300-57-2	81
5	Benzene, cyclopropyl-		118	C9H10	000873-49-4	72



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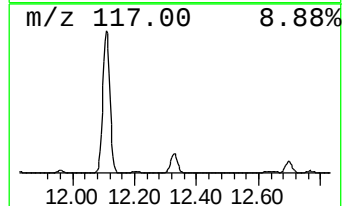
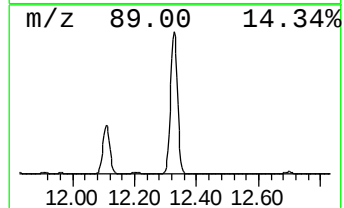
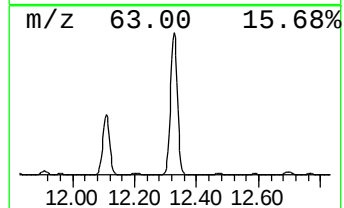
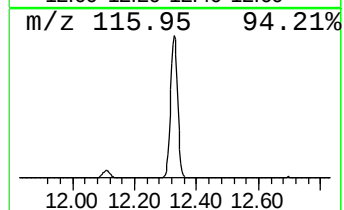
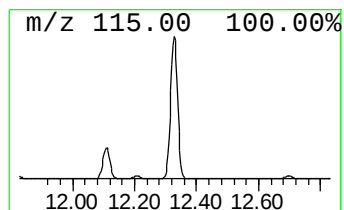
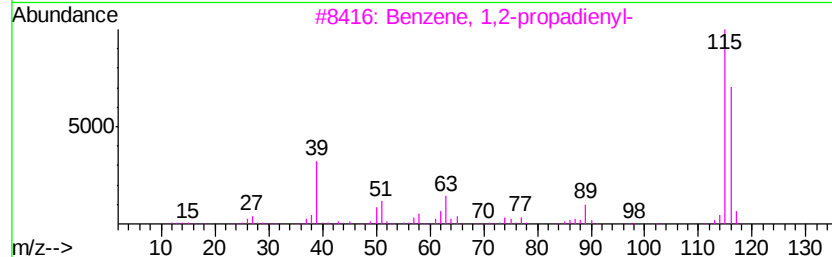
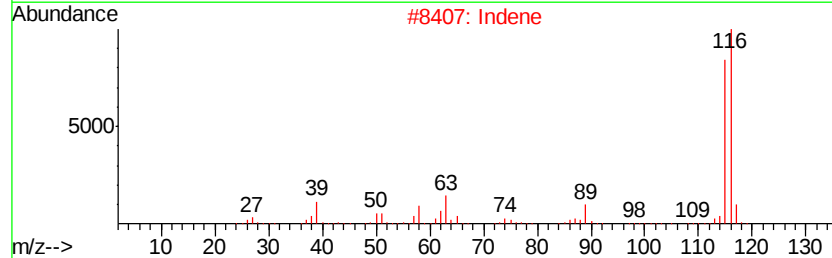
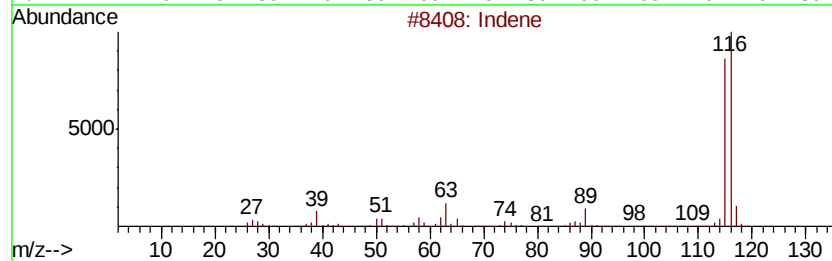
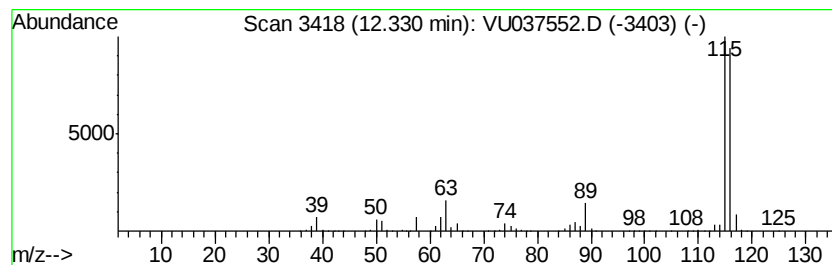
Instrument :
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 Quant Title : TRACE VOA SOM01.0

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

 Peak Number 4 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	18.19 ug/L	6041150	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indene		116 C9H8	000095-13-6 96
2	Indene		116 C9H8	000095-13-6 95
3	Benzene, 1,2-propadienyl-		116 C9H8	002327-99-3 91
4	Benzene, 1-propynyl-		116 C9H8	000673-32-5 91
5	3-Methylphenylacetylene		116 C9H8	000766-82-5 91



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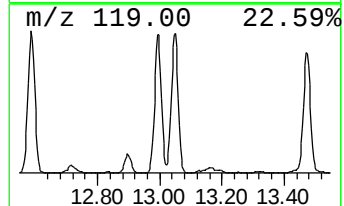
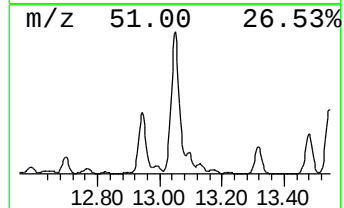
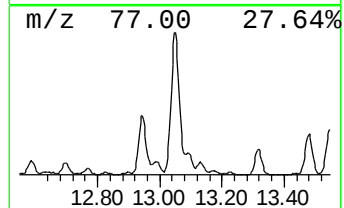
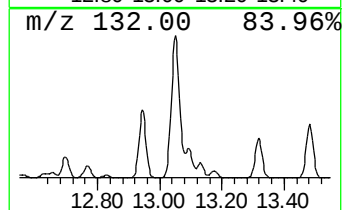
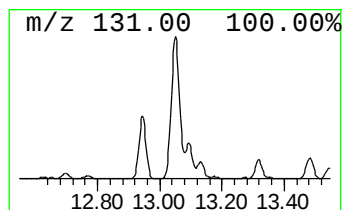
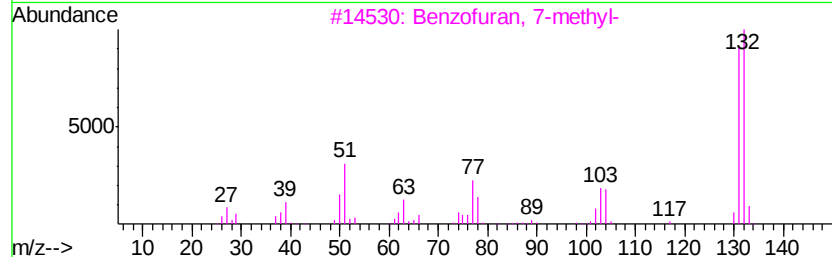
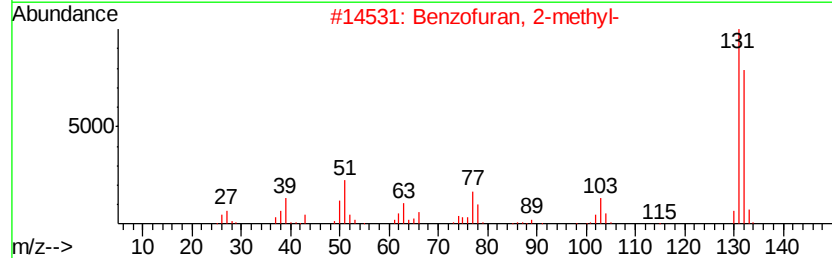
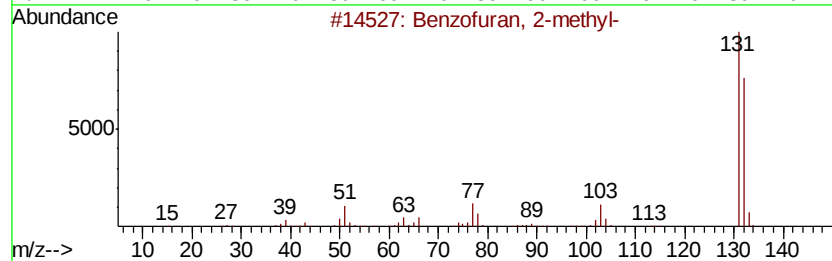
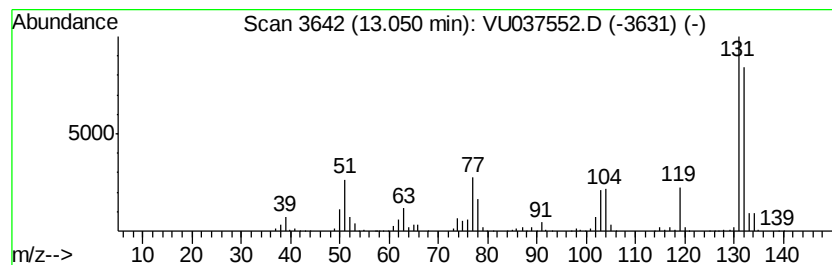
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	3.56 ug/L	1182390	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, 2-methyl-	132	C9H8O	004265-25-2	90
3		Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	89
4		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
5		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87



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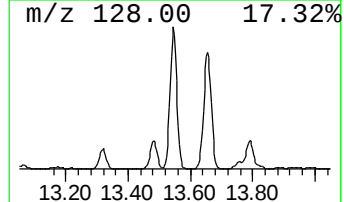
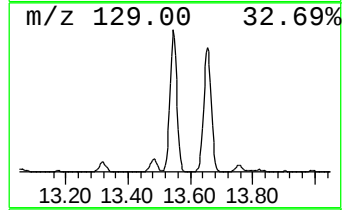
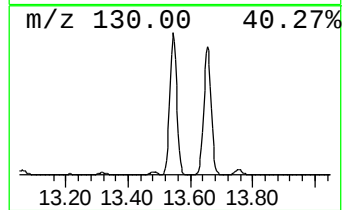
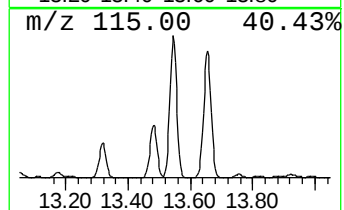
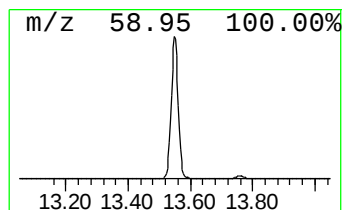
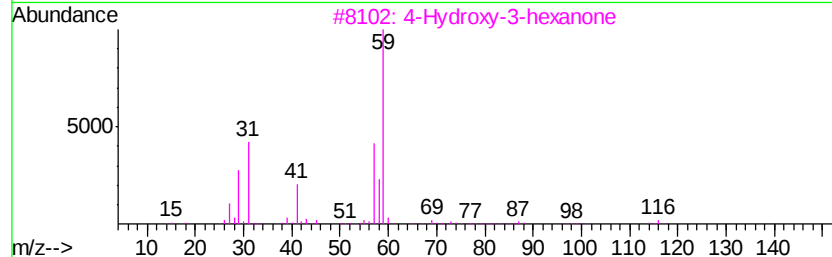
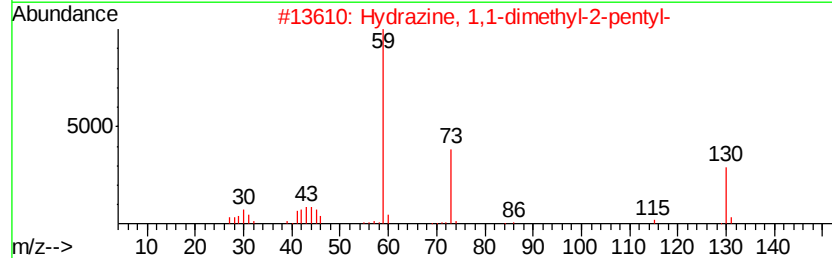
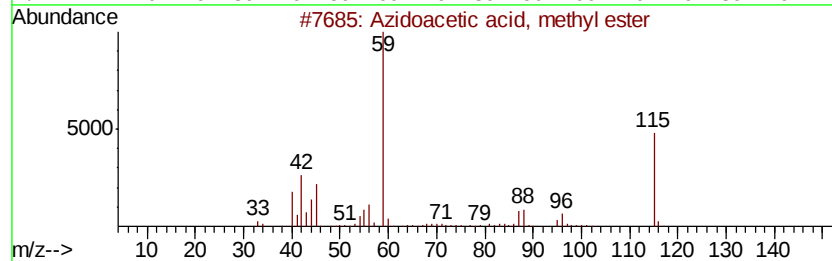
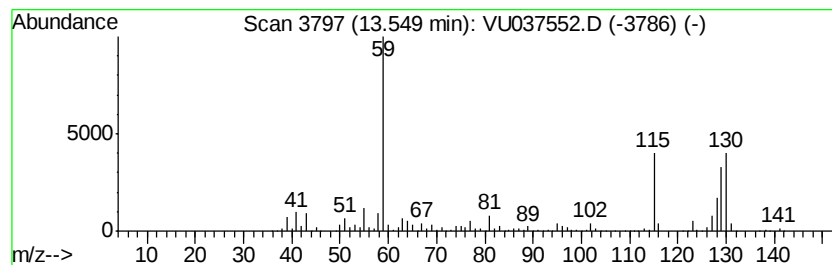
Instrument :
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ClientSampleId :
DBF14DL

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

Peak Number 6 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.55	4.87 ug/L	1615390	1,4-Dichlorobenzene-d4	11.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azidoacetic acid, methyl ester	115	C3H5N3O2	1000316-94-5	43
2	Hydrazine, 1,1-dimethyl-2-pentyl-	130	C7H18N2	067398-36-1	28
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	27
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	27
5	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040220\
Data File : VU037552.D
Acq On : 02 Apr 2020 13:47
Operator : JC/MD
Sample : L2065-18DL 8X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBF14DL

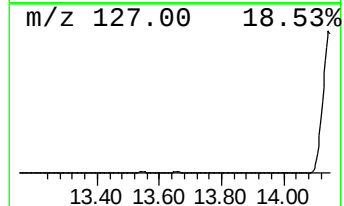
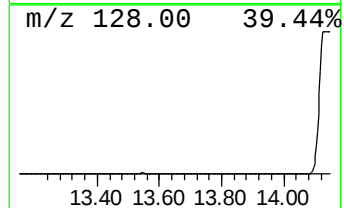
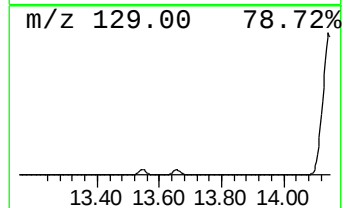
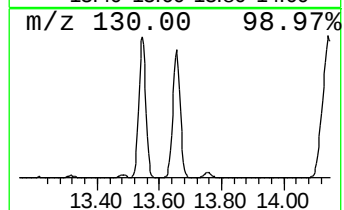
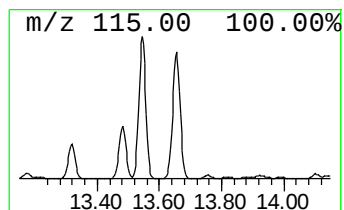
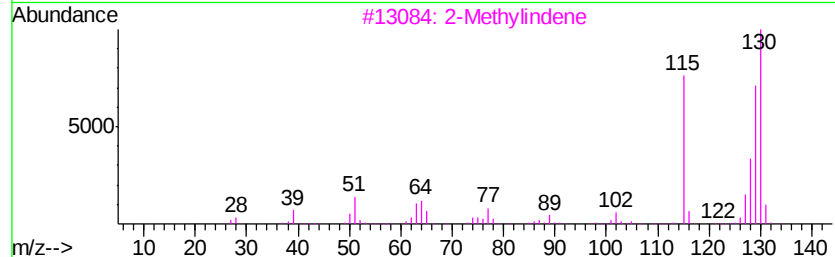
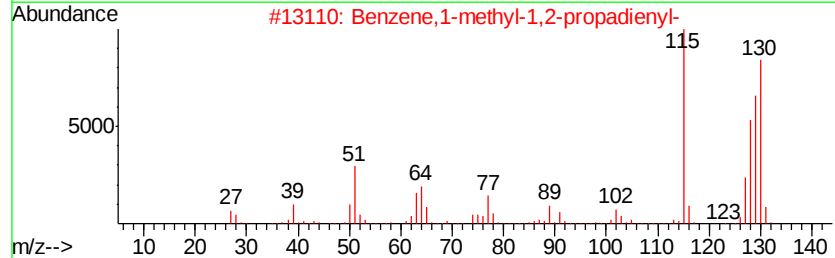
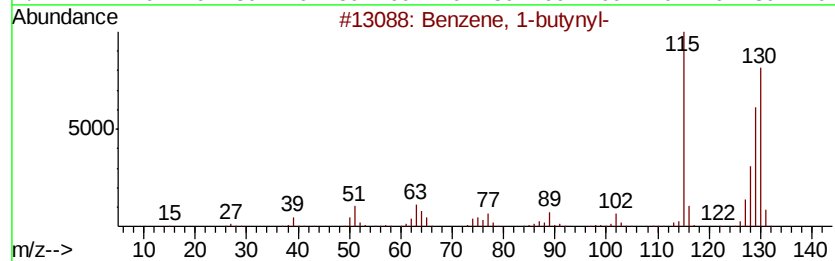
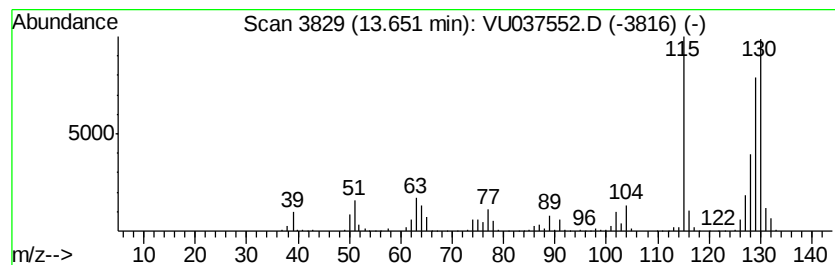
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Benzene, 1-butyryl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.59 ug/L	858821	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-butyryl-	130	C10H10	000622-76-4	96
2			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
3			2-Methylindene	130	C10H10	002177-47-1	96
4			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
5			2-Methylindene	130	C10H10	002177-47-1	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040220\
Data File : VU037552.D
Acq On : 02 Apr 2020 13:47
Operator : JC/MD
Sample : L2065-18DL 8X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBF14DL

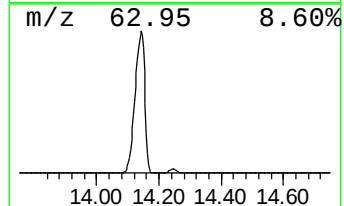
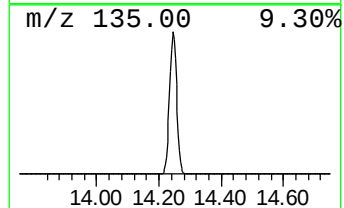
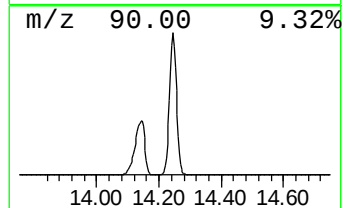
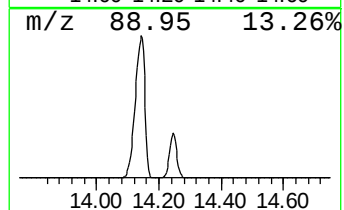
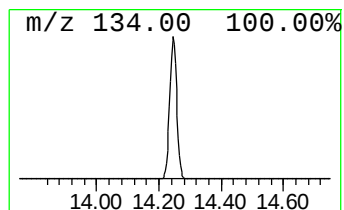
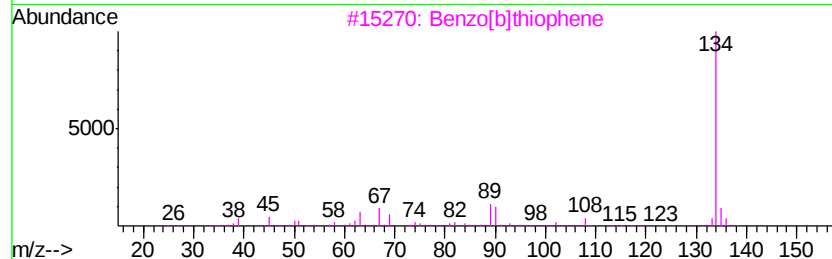
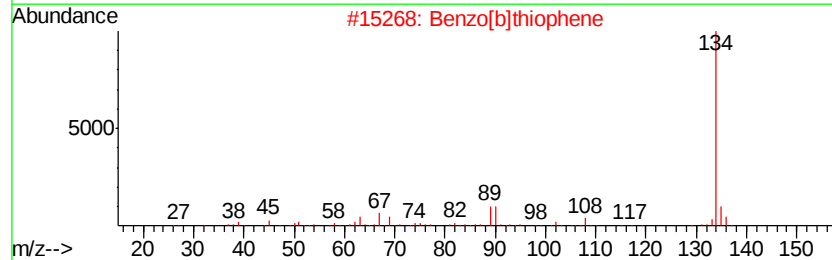
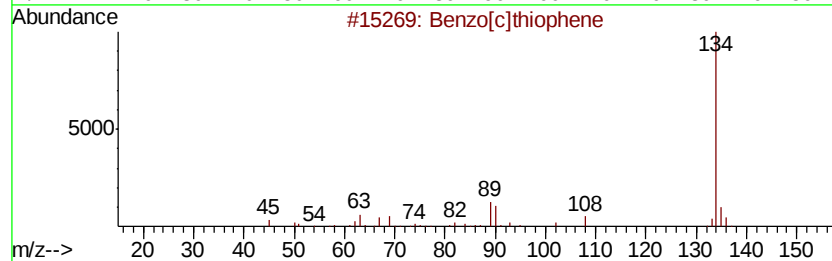
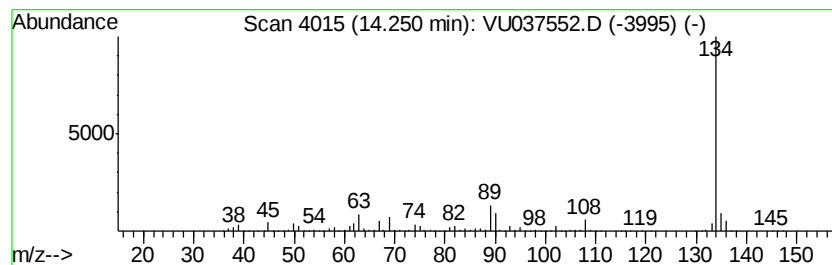
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	4.90 ug/L	1626360	1,4-Dichlorobenzene-d4	11.83

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		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



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040220\
Data File : VU037552.D
Acq On : 02 Apr 2020 13:47
Operator : JC/MD
Sample : L2065-18DL 8X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBF14DL

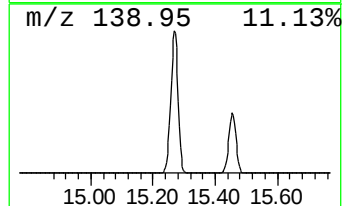
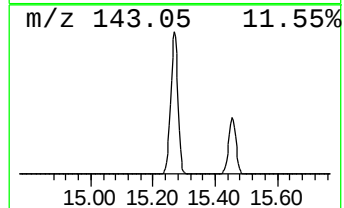
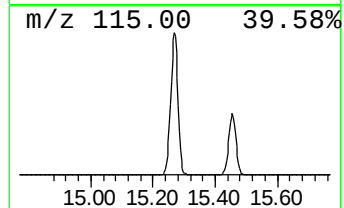
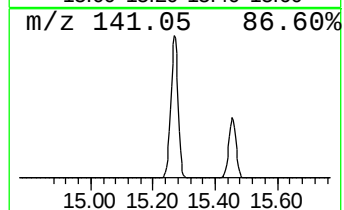
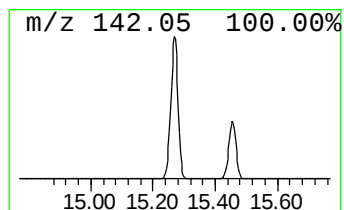
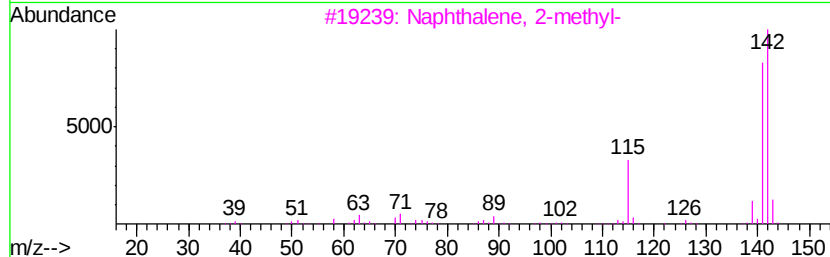
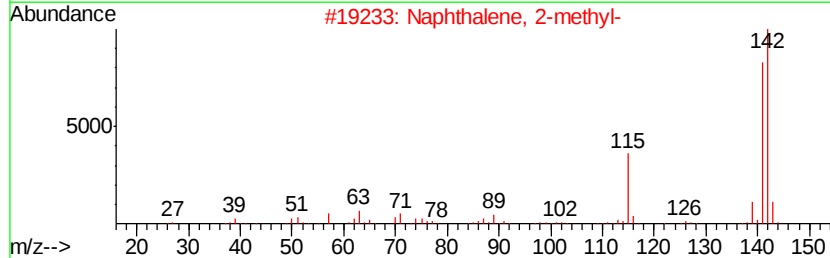
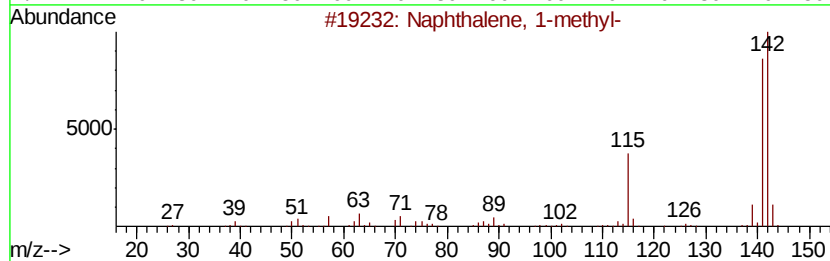
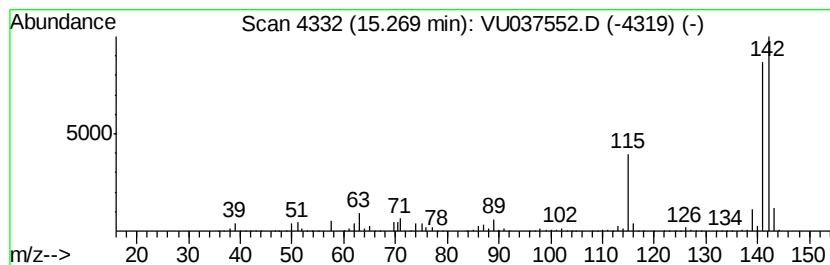
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	38.76 ug/L	12869000	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040220\
 Data File : VU037552.D
 Acq On : 02 Apr 2020 13:47
 Operator : JC/MD
 Sample : L2065-18DL 8X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBF14DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,3-tr...	11.48	4.3	ug/L	1440120	3	11.83	1660220	5.0
D-Limonene	11.75	2.9	ug/L	969415	3	11.83	1660220	5.0
Indane	12.11	12.2	ug/L	4040920	3	11.83	1660220	5.0
Indene	12.33	18.2	ug/L	6041150	3	11.83	1660220	5.0
Benzofuran, 2-met...	13.05	3.6	ug/L	1182390	3	11.83	1660220	5.0
unknown-01	13.55	4.9	ug/L	1615390	3	11.83	1660220	5.0
Benzene, 1-butynyl-	13.65	2.6	ug/L	858821	3	11.83	1660220	5.0
Benzo[c]thiophene	14.25	4.9	ug/L	1626360	3	11.83	1660220	5.0
Naphthalene, 1-me...	15.27	38.8	ug/L	12869000	3	11.83	1660220	5.0