

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021320\
Data File : VU036775.D
Acq On : 13 Feb 2020 16:33
Operator : JC/MD
Sample : L1487-24
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	11.488	3132	3156	3171	rBV	8116798	12141462	5.69%	3.783%
2	11.912	3274	3288	3300	rBV	2502122	3793020	1.78%	1.182%
3	12.111	3333	3350	3369	rBV	2525485	3986481	1.87%	1.242%
4	12.330	3404	3418	3431	rBV	5758933	9006525	4.22%	2.807%
5	12.700	3521	3533	3553	rVB	1433525	2304331	1.08%	0.718%
6	12.947	3600	3610	3619	rBV	1734247	2649916	1.24%	0.826%
7	13.053	3633	3643	3663	rVB2	4306482	7611361	3.56%	2.372%
8	13.484	3754	3777	3789	rBV3	2374467	4032711	1.89%	1.257%
9	14.153	3958	3985	3994	rBV6	62820571	213549702	100.00%	66.545%
10	14.266	4008	4020	4036	rBV	8244195	12418105	5.82%	3.870%
11	15.468	4378	4394	4431	rVB	27284716	46315598	21.69%	14.433%
12	16.005	4539	4561	4574	rBV	1919146	3102353	1.45%	0.967%

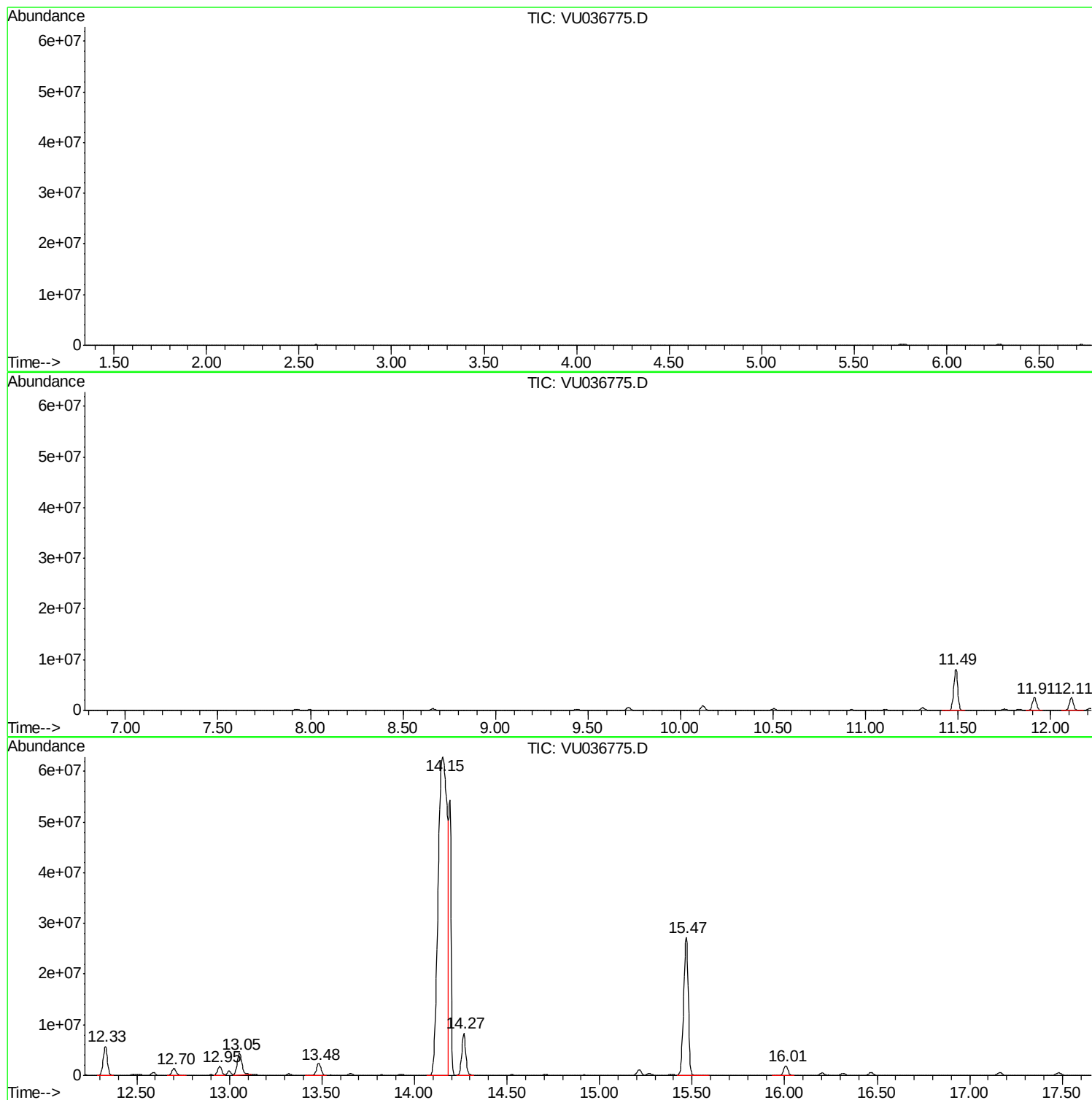
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Quant Title : TRACE VOA SOM01.0

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



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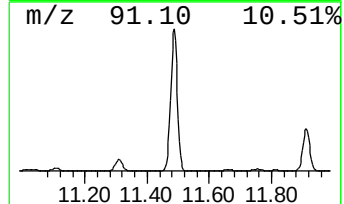
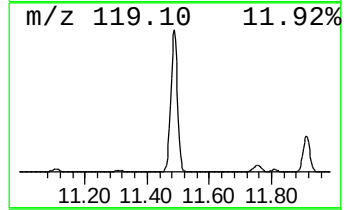
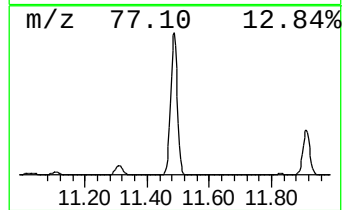
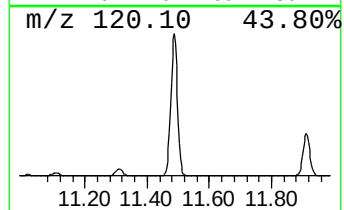
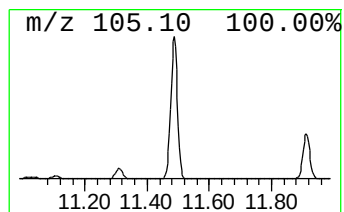
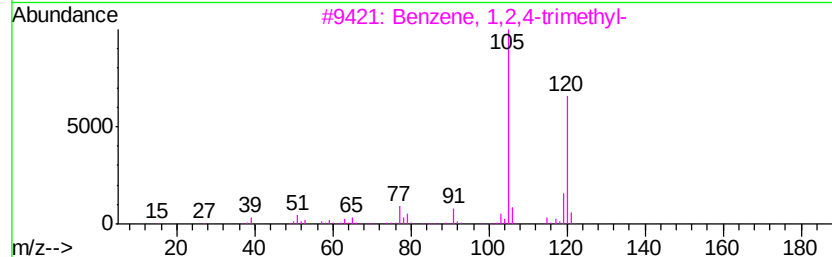
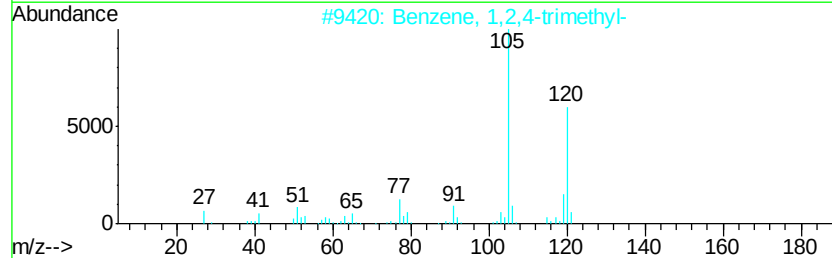
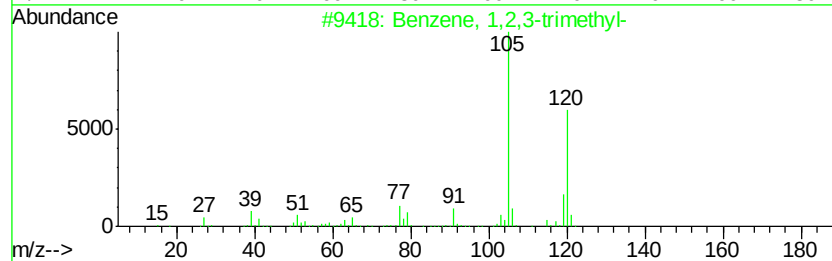
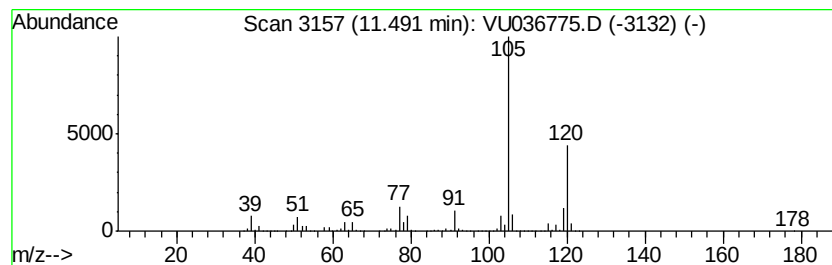
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	16.01 ug/L	12141500	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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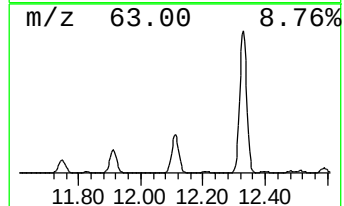
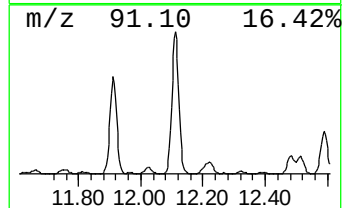
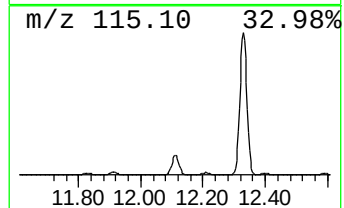
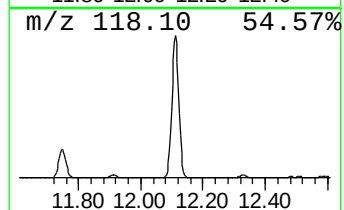
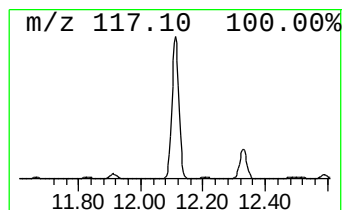
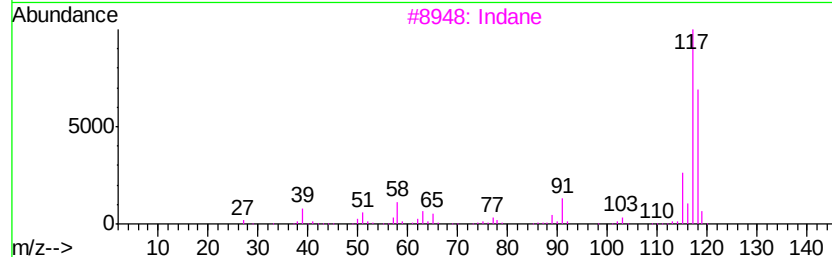
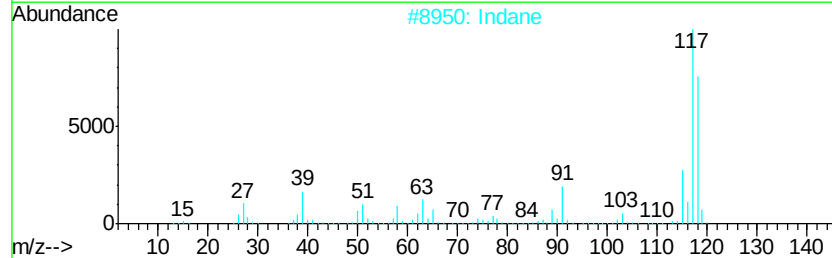
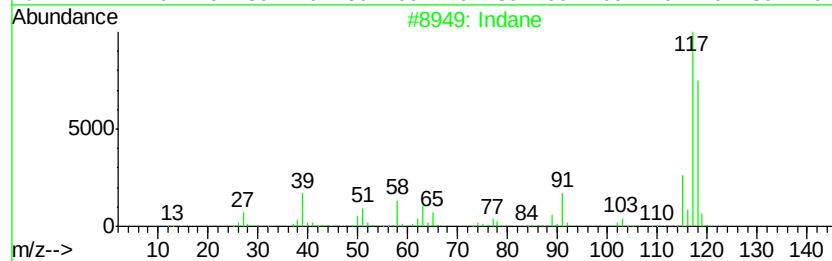
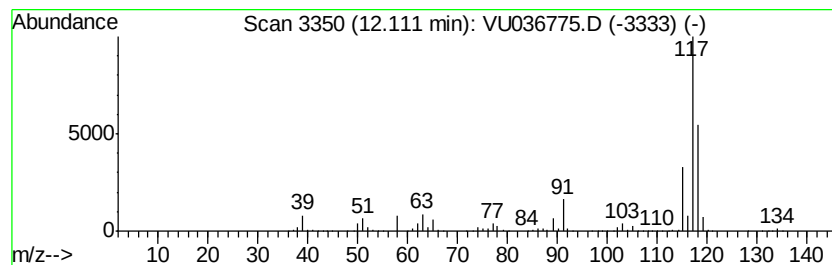
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	5.26 ug/L	3986480	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	91
2	Indane		118	C9H10	000496-11-7	90
3	Indane		118	C9H10	000496-11-7	87
4	Indane		118	C9H10	000496-11-7	87
5	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	74



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ALS Vial : 12 Sample Multiplier: 1

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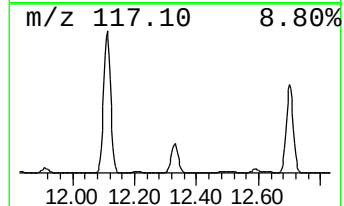
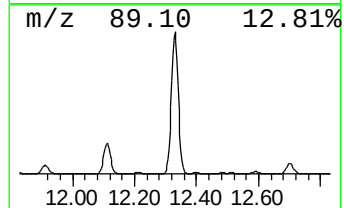
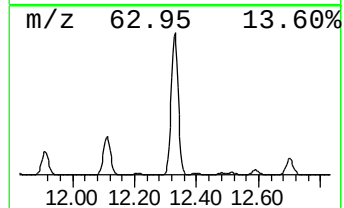
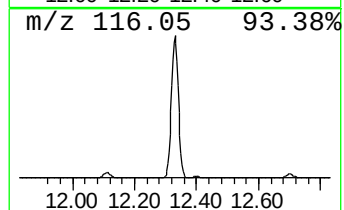
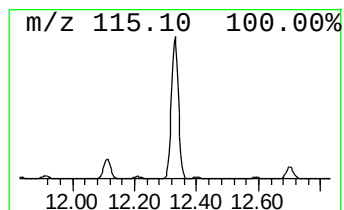
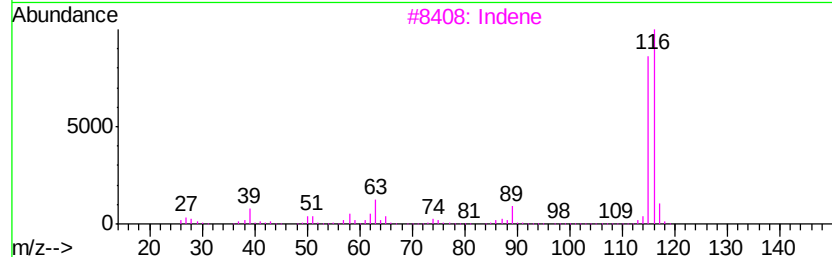
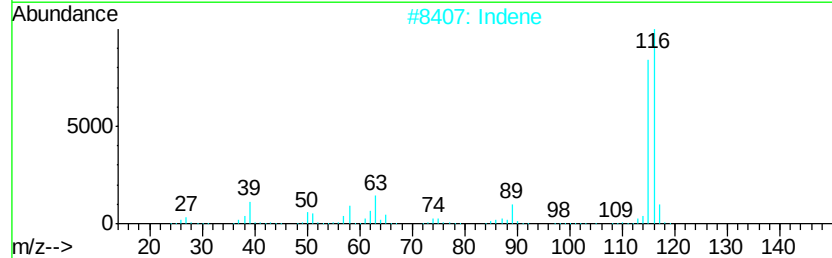
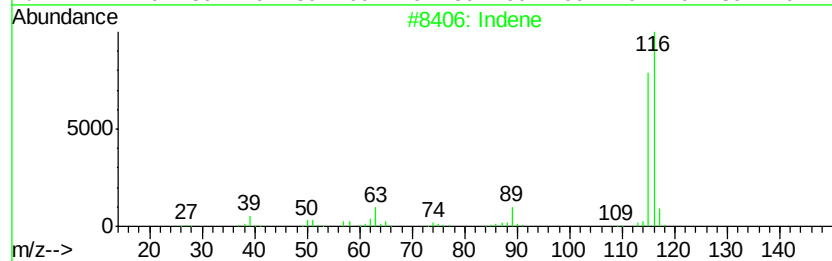
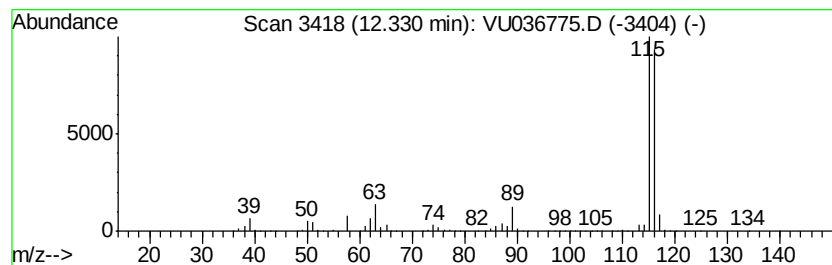
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	11.87 ug/L	9006530	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	94
5	Benzene, 1,2-propadienyl-		116	C9H8	002327-99-3	91



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBCX4

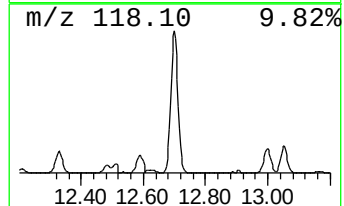
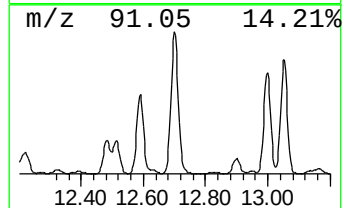
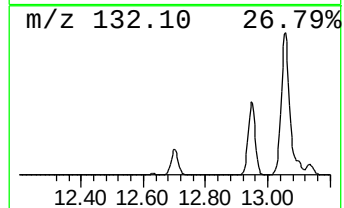
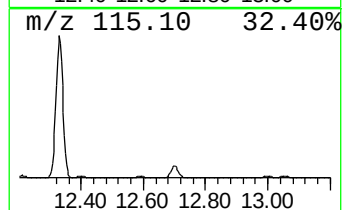
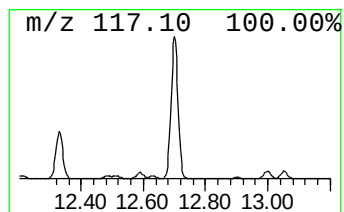
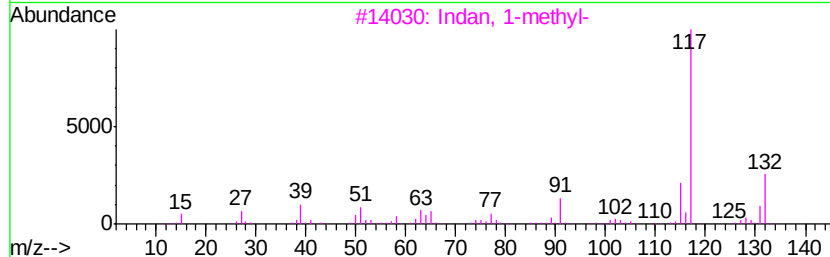
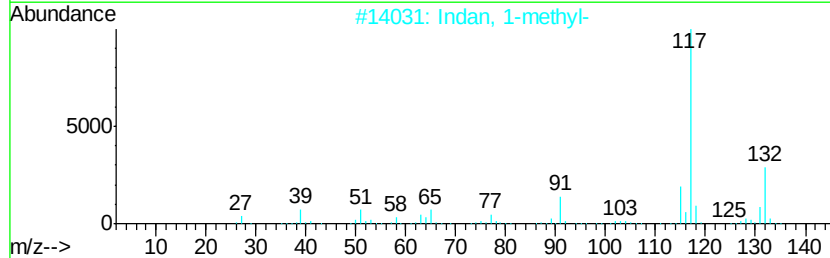
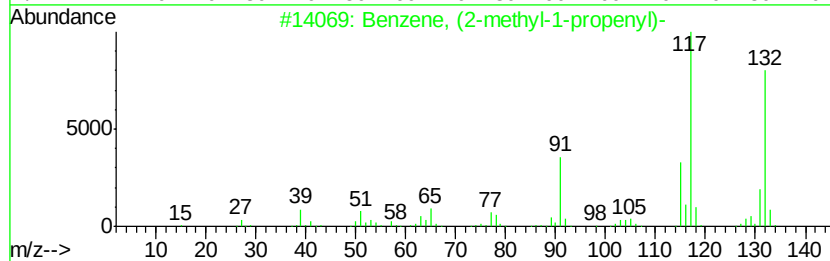
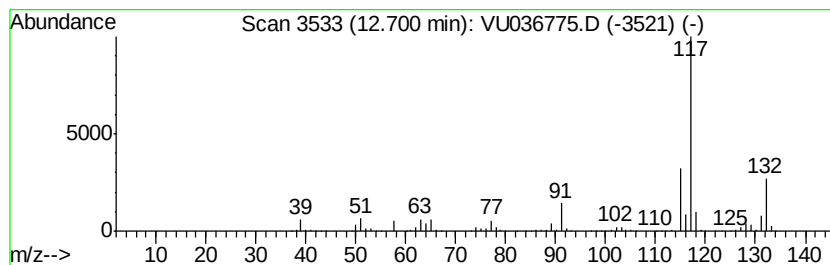
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Benzene, (2-methyl-1-propen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	3.04 ug/L	2304330	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2		Indan, 1-methyl-	132	C10H12	000767-58-8	87
3		Indan, 1-methyl-	132	C10H12	000767-58-8	87
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86



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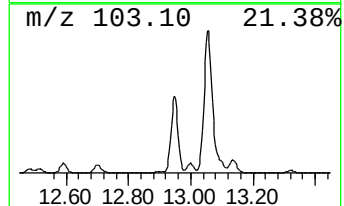
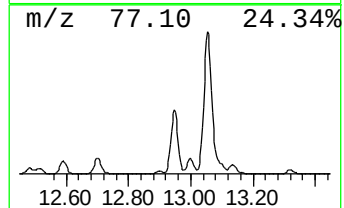
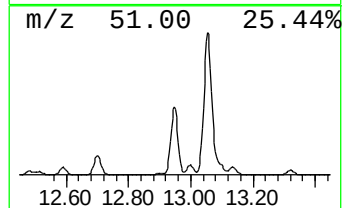
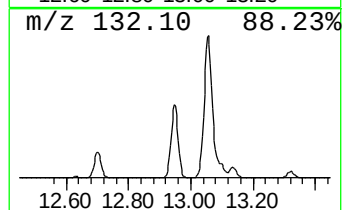
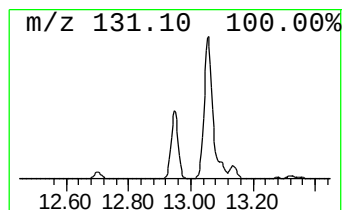
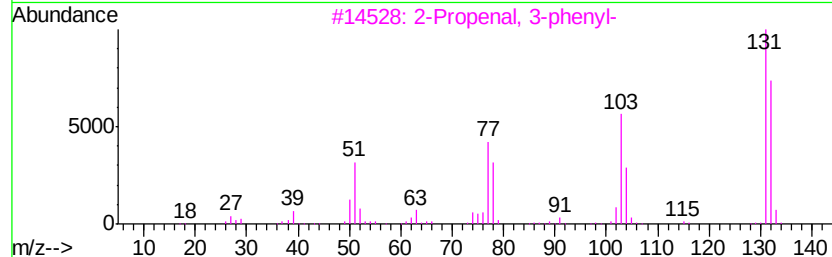
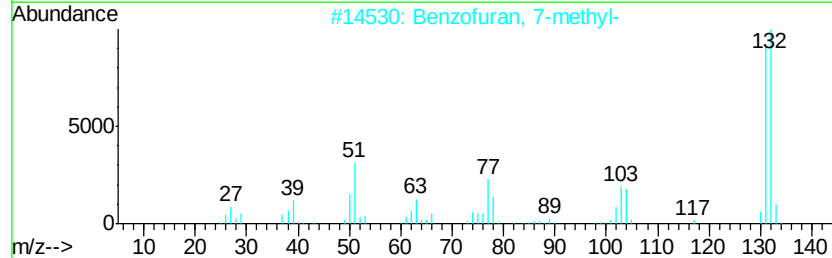
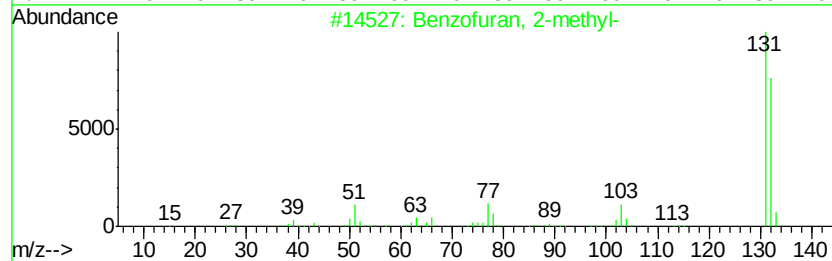
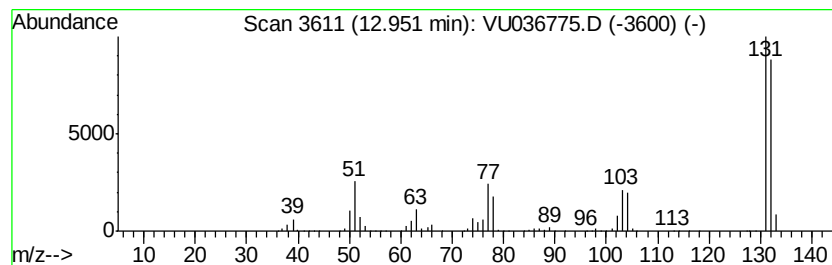
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	3.49 ug/L	2649920	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2		Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
4		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91



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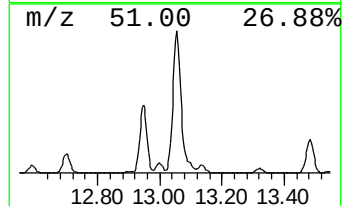
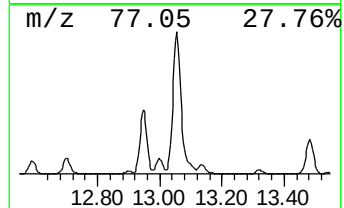
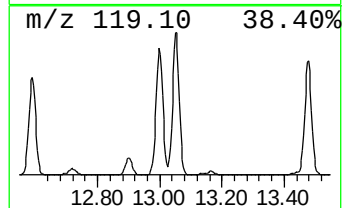
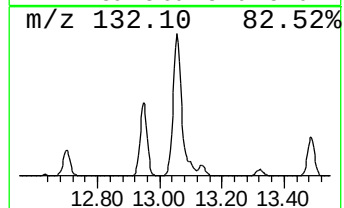
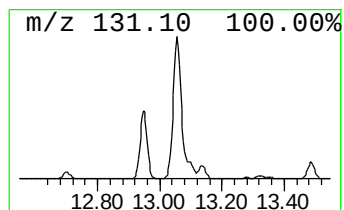
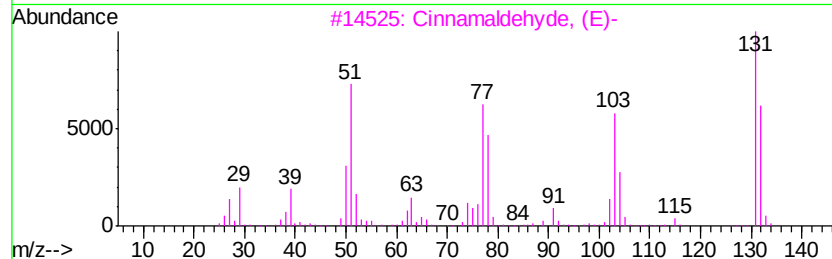
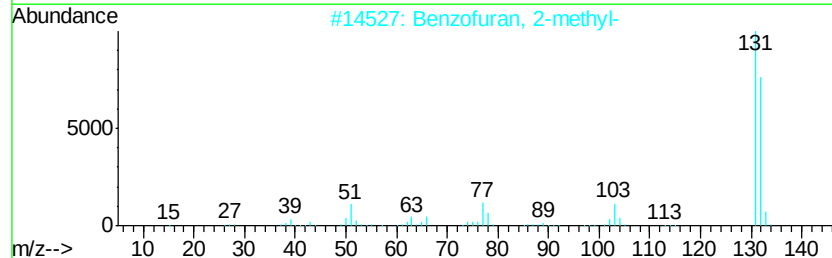
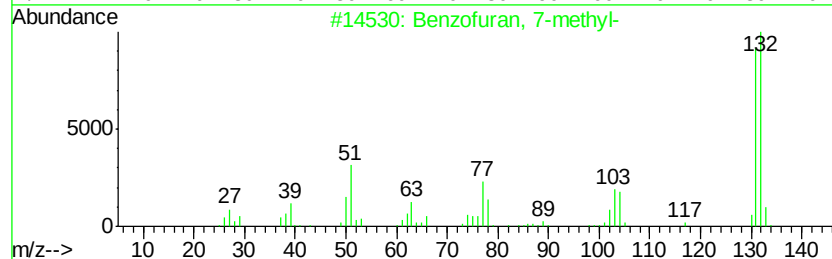
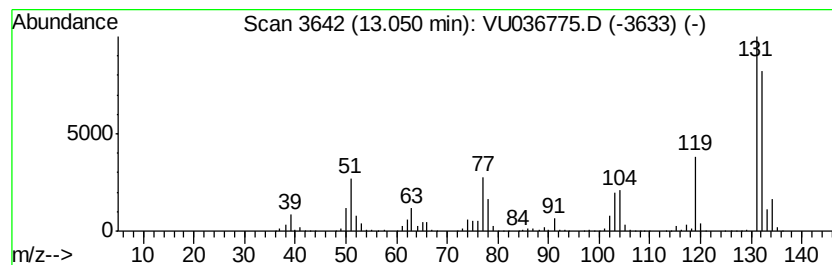
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	10.03 ug/L	7611360	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
4		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021320\
Data File : VU036775.D
Acq On : 13 Feb 2020 16:33
Operator : JC/MD
Sample : L1487-24
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

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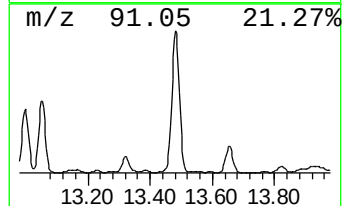
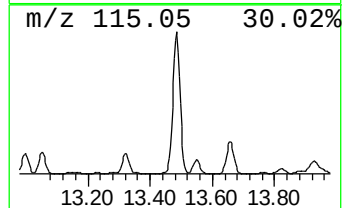
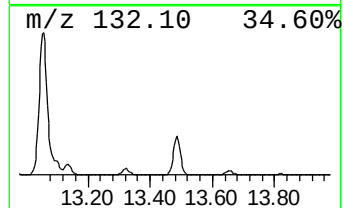
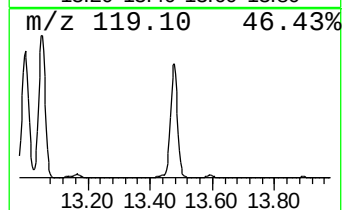
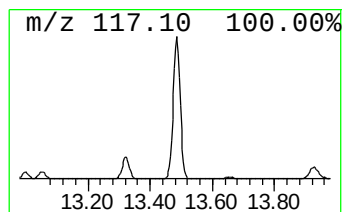
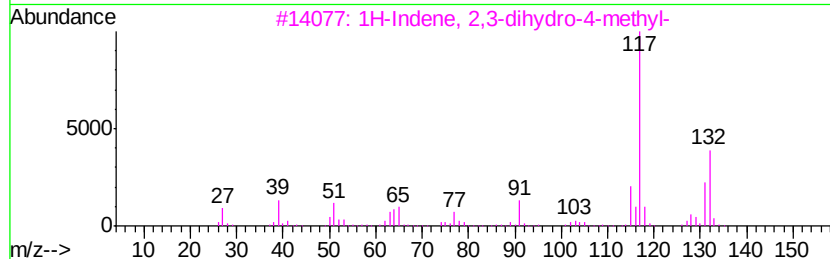
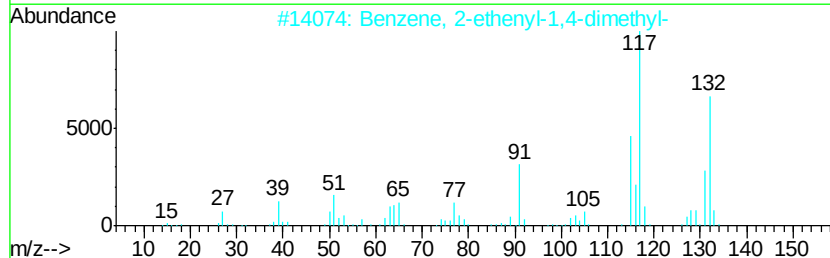
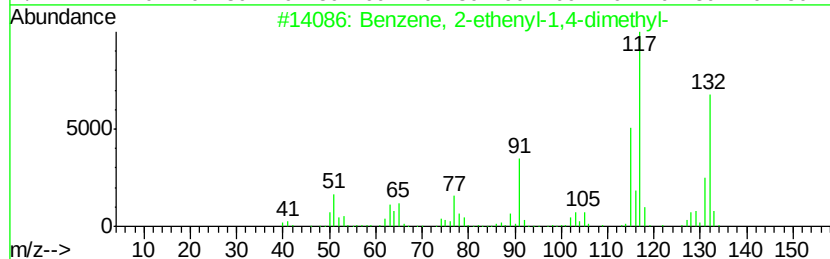
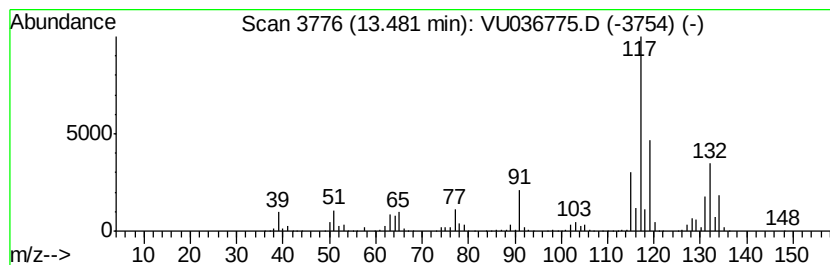
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	5.32 ug/L	4032710	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021320\
Data File : VU036775.D
Acq On : 13 Feb 2020 16:33
Operator : JC/MD
Sample : L1487-24
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX4

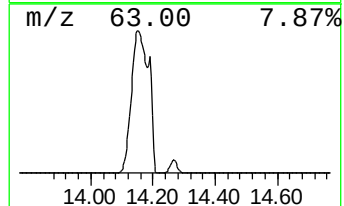
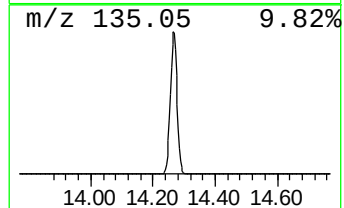
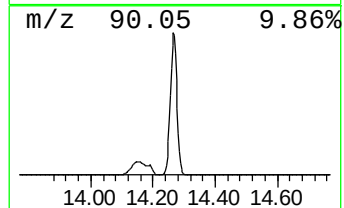
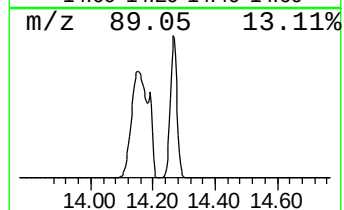
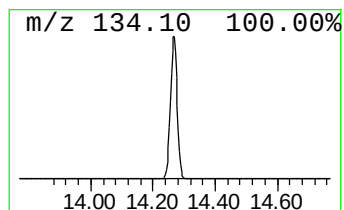
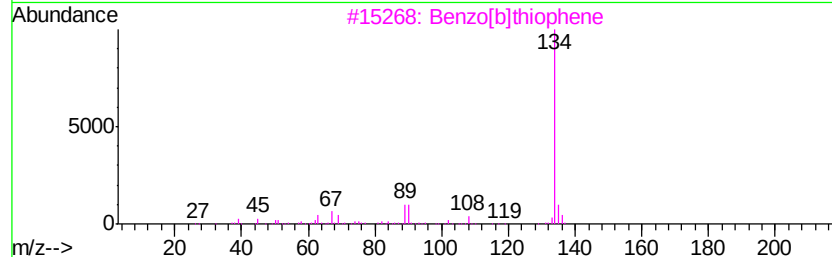
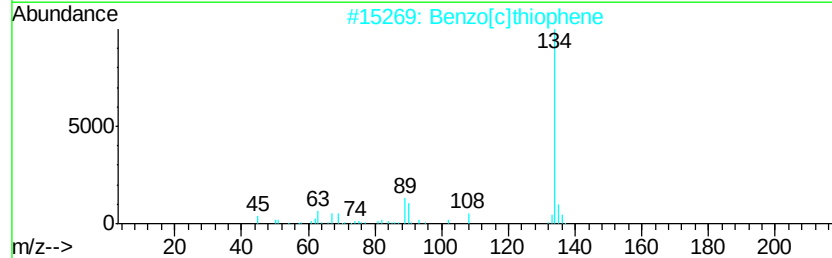
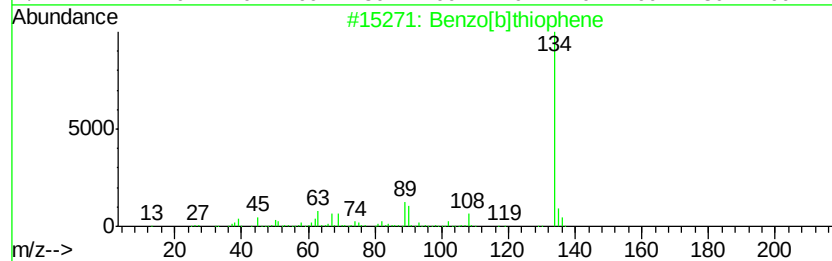
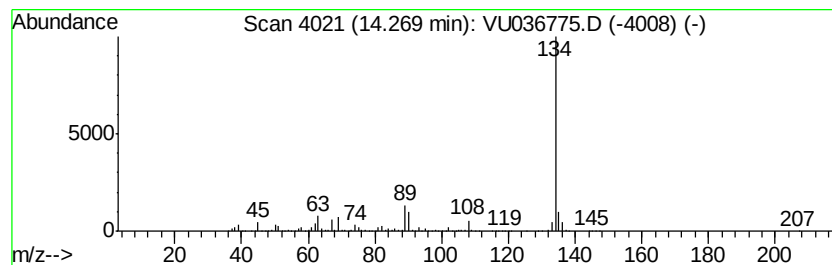
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Benzo[b]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	16.37 ug/L	12418100	1,4-Dichlorobenzene-d4	11.83

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021320\
Data File : VU036775.D
Acq On : 13 Feb 2020 16:33
Operator : JC/MD
Sample : L1487-24
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX4

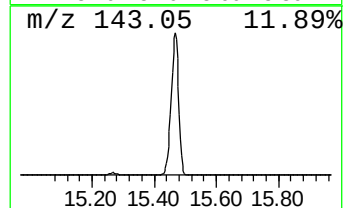
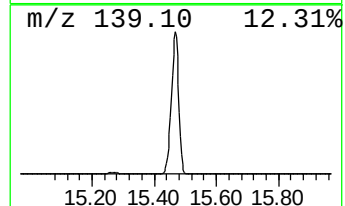
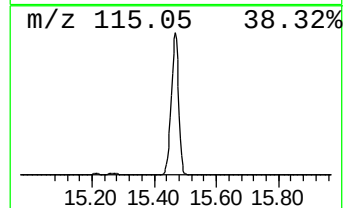
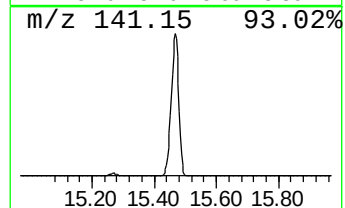
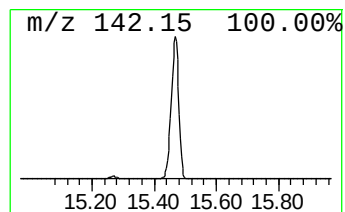
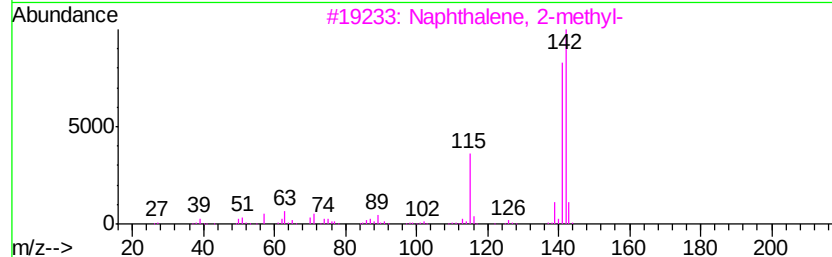
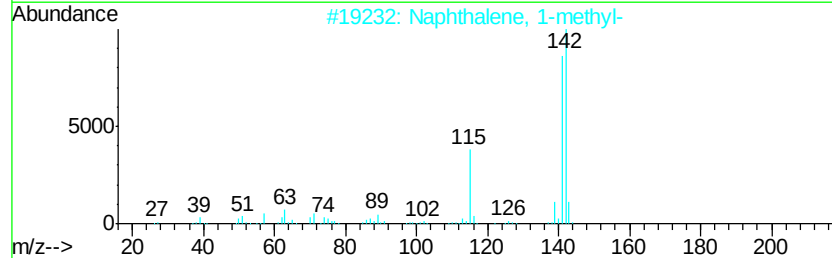
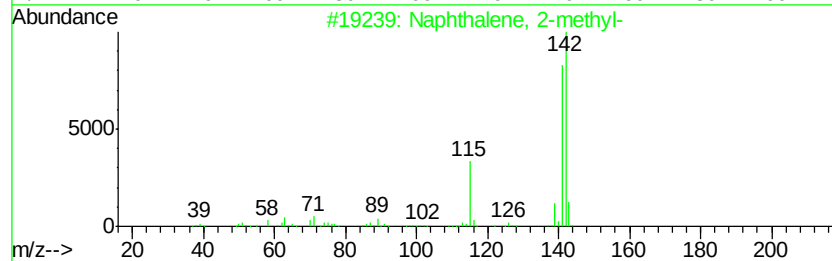
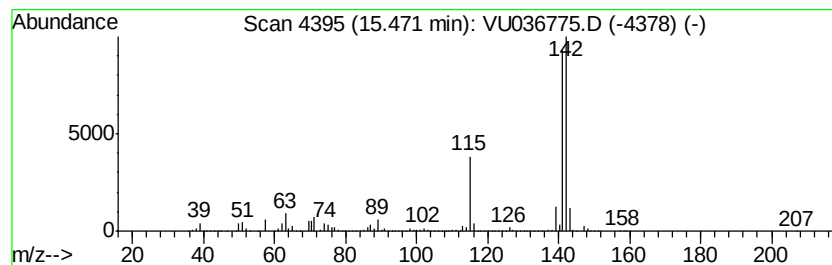
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	61.05 ug/L	46315600	1,4-Dichlorobenzene-d4	11.83

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021320\
Data File : VU036775.D
Acq On : 13 Feb 2020 16:33
Operator : JC/MD
Sample : L1487-24
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX4

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,3-tr...	11.49	16.0	ug/L	12141500	3	11.83	3793020	5.0
Indane	12.11	5.3	ug/L	3986480	3	11.83	3793020	5.0
Indene	12.33	11.9	ug/L	9006530	3	11.83	3793020	5.0
Benzene, (2-methy...	12.70	3.0	ug/L	2304330	3	11.83	3793020	5.0
Benzofuran, 2-met...	12.95	3.5	ug/L	2649920	3	11.83	3793020	5.0
Benzofuran, 7-met...	13.05	10.0	ug/L	7611360	3	11.83	3793020	5.0
Benzene, 2-etheny...	13.48	5.3	ug/L	4032710	3	11.83	3793020	5.0
Benzo[b]thiophene	14.27	16.4	ug/L	12418100	3	11.83	3793020	5.0
Naphthalene, 1-me...	15.47	61.0	ug/L	46315600	3	11.83	3793020	5.0