

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
 Data File : VV016141.D
 Acq On : 20 May 2020 18:57
 Operator : SY/MD
 Sample : L2725-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B23

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_V\METHOD\SOMVTR050720WMA.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	1.447	81	111	145	rBV2	150606	1118780	2.22%	1.749%
2	5.074	1222	1239	1251	rBV2	205256	510076	1.01%	0.797%
3	8.116	2173	2185	2217	rBV	314101	608129	1.21%	0.951%
4	11.550	3237	3253	3272	rBV	1418839	2153323	4.27%	3.366%
5	11.765	3309	3320	3339	rBV	583691	892580	1.77%	1.395%
6	13.534	3849	3870	3893	rBV2	29210756	50406715	100.00%	78.805%
7	13.646	3894	3905	3917	rVB	845509	1297407	2.57%	2.028%
8	14.656	4208	4219	4235	rBV	609138	906395	1.80%	1.417%
9	14.839	4265	4276	4291	rBV	957105	1464516	2.91%	2.290%
10	15.389	4435	4447	4459	rVB	392568	602343	1.19%	0.942%
11	15.836	4567	4586	4593	rBV	411245	652624	1.29%	1.020%
12	16.511	4776	4796	4818	rBV	1568494	2500310	4.96%	3.909%
13	16.810	4877	4889	4910	rVB	526883	850323	1.69%	1.329%

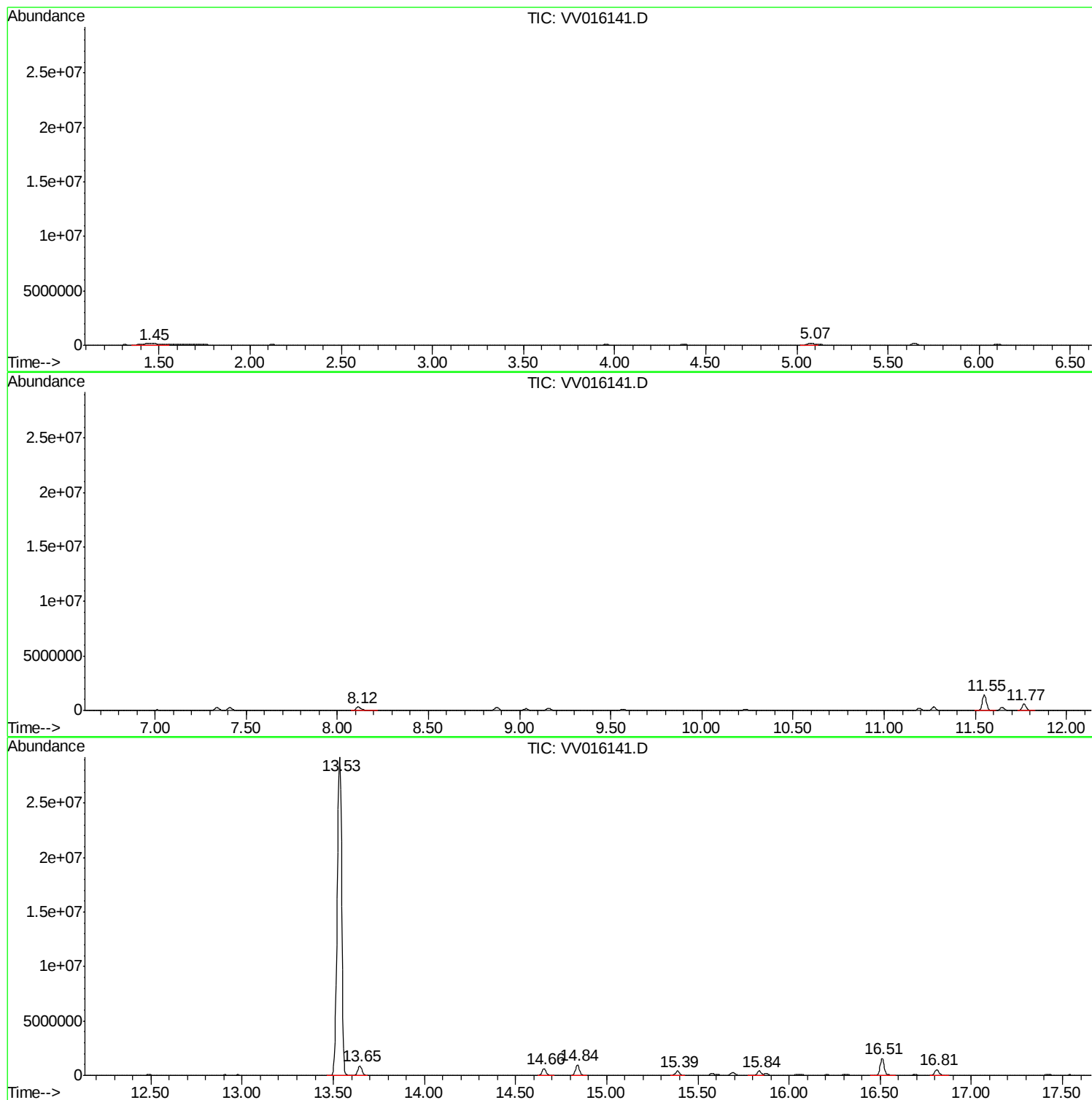
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



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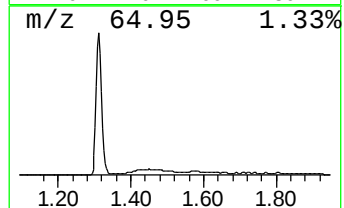
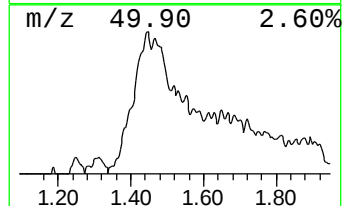
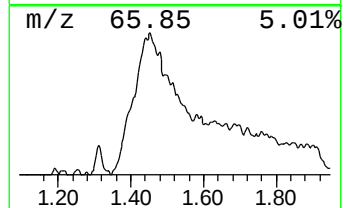
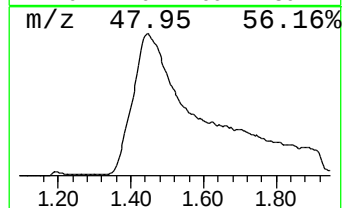
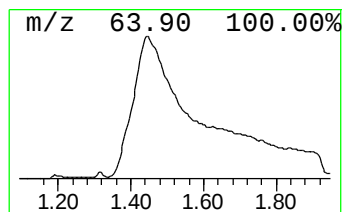
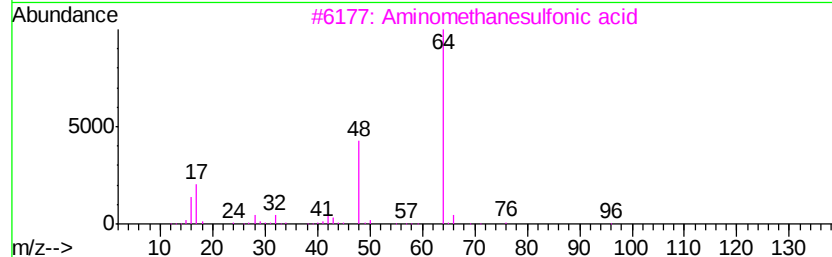
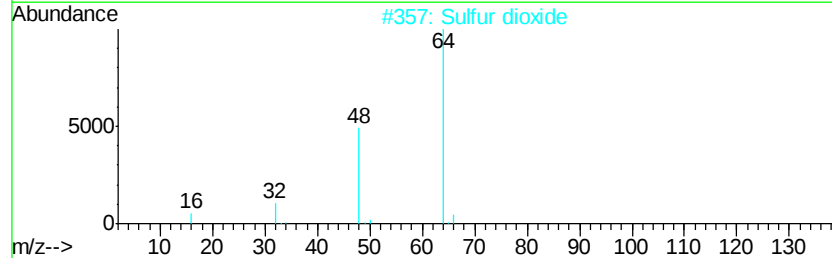
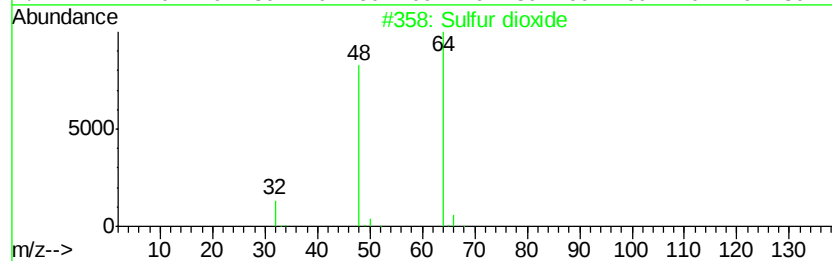
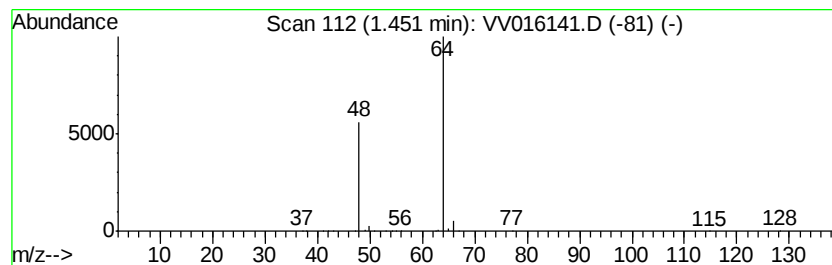
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.45	10.97 ug/L	1118780	1,4-Difluorobenzene	5.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	83
2	Sulfur dioxide	64 02S	007446-09-5	83
3	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	74
4	L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8	9
5	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9



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ClientSampled :
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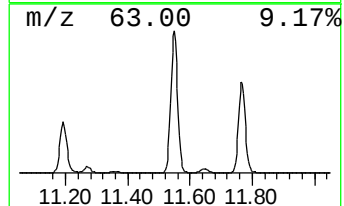
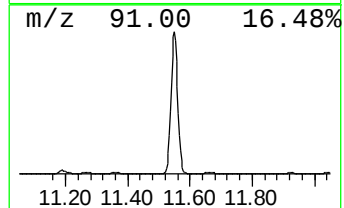
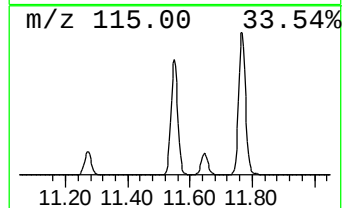
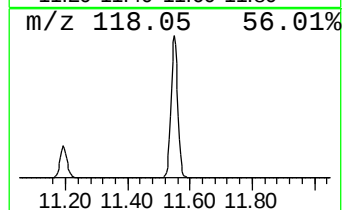
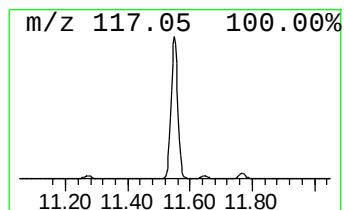
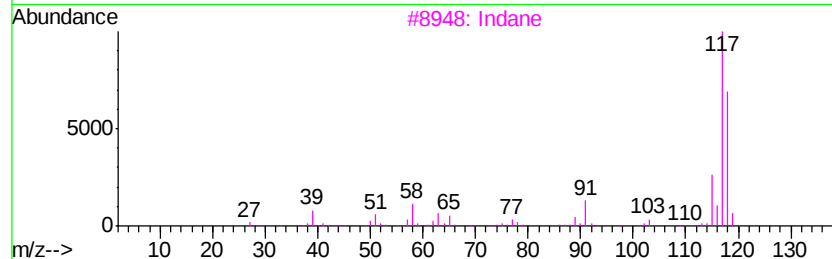
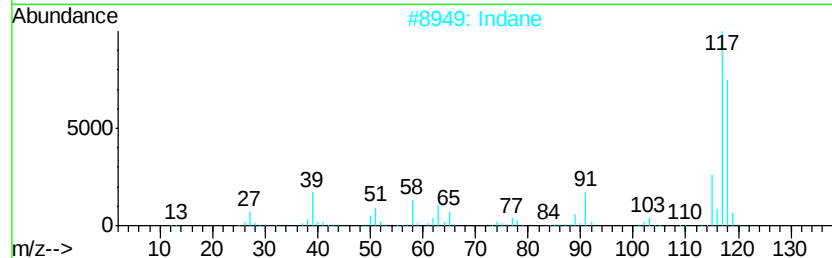
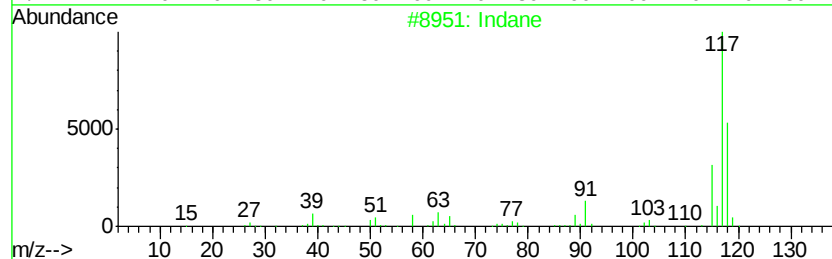
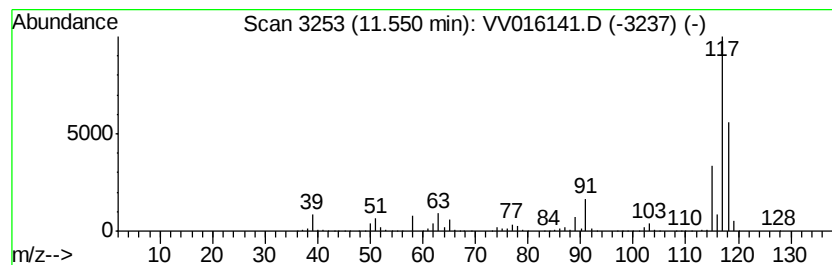
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	5.00 ug/L	2153320	1,4-Dichlorobenzene-d4	11.27

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	81
4	Deltacyclene		118	C9H10	007785-10-6	68
5	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	64



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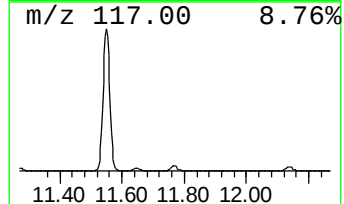
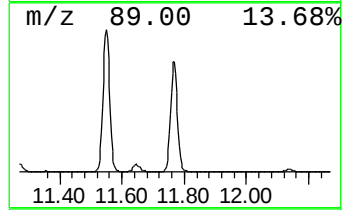
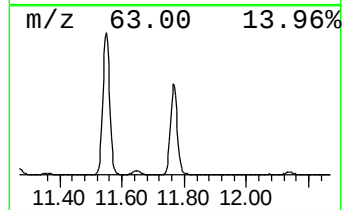
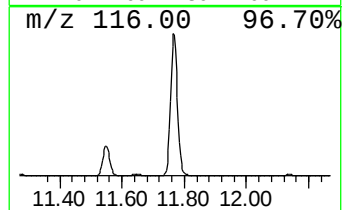
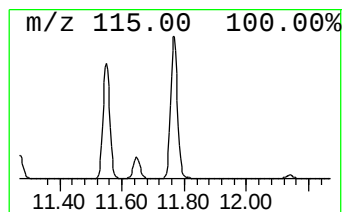
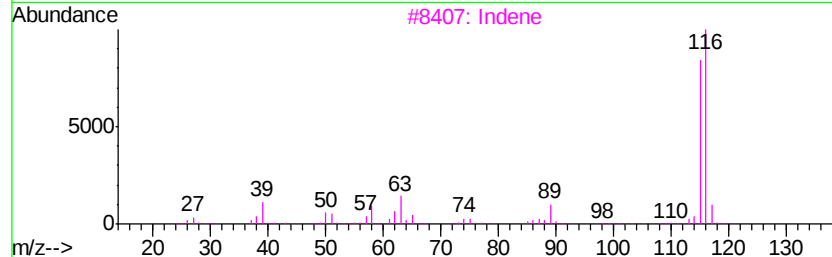
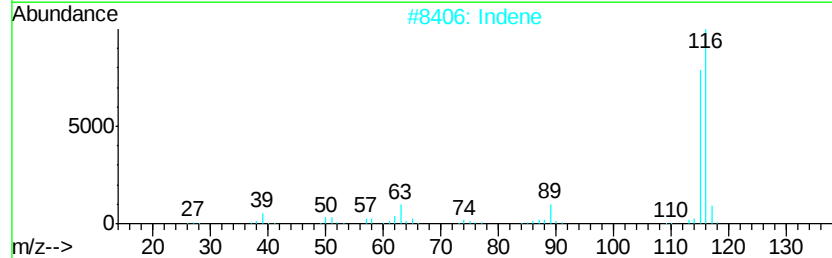
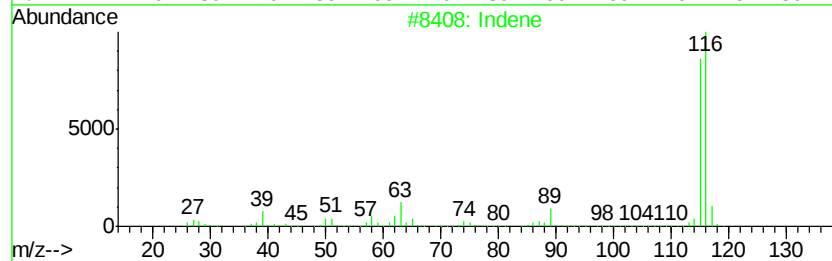
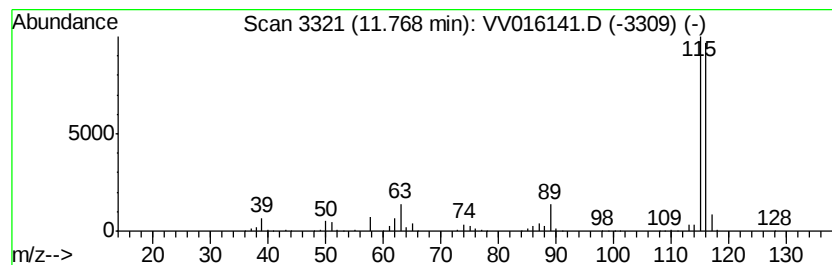
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.07 ug/L	892580	1,4-Dichlorobenzene-d4	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	95
2	Indene		116	C9H8	000095-13-6	95
3	Indene		116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene		116	C9H8	000766-82-5	91
5	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	91



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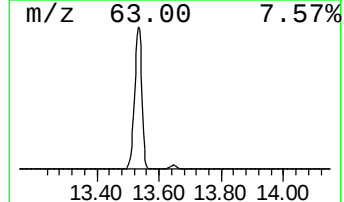
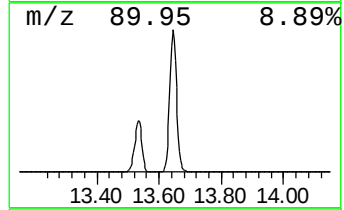
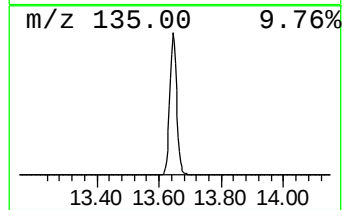
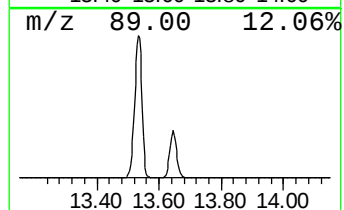
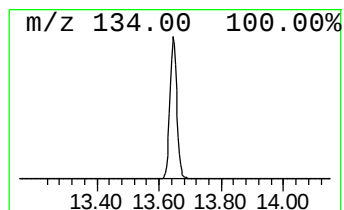
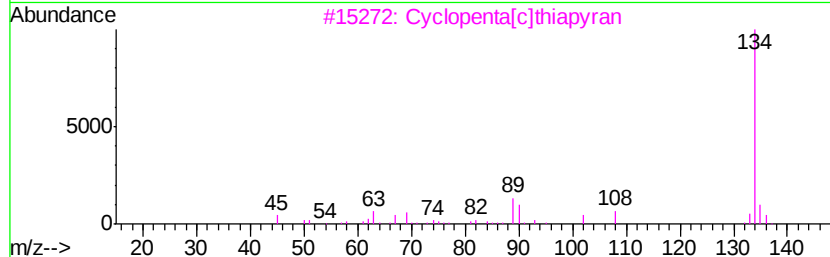
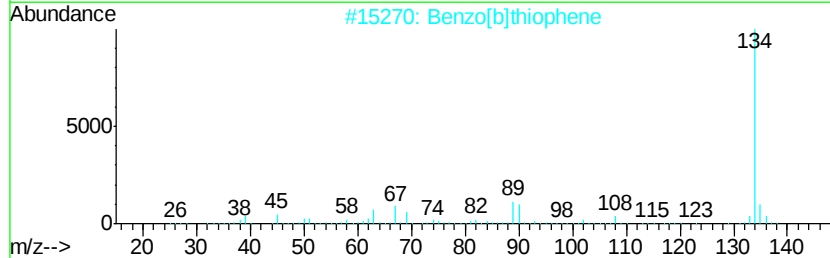
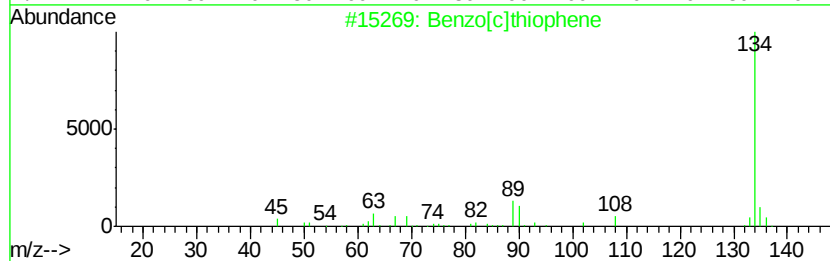
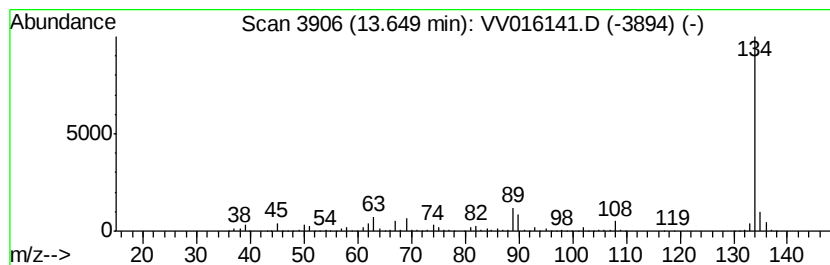
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.01 ug/L	1297410	1,4-Dichlorobenzene-d4	11.27

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



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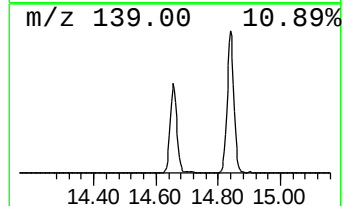
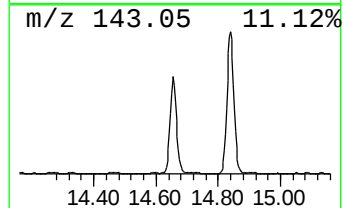
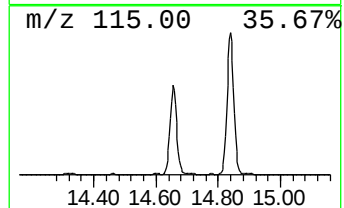
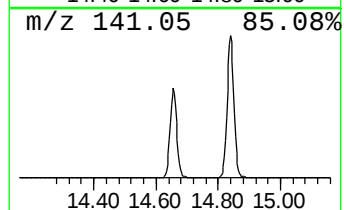
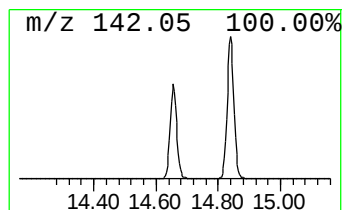
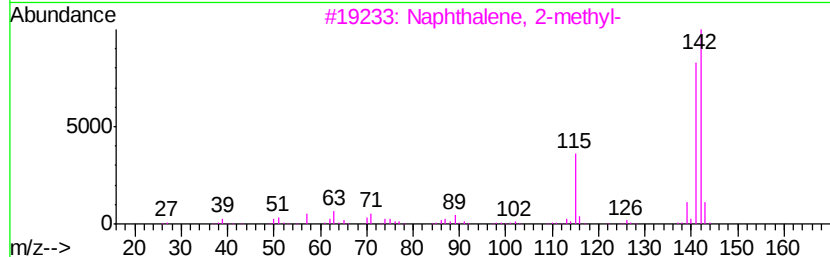
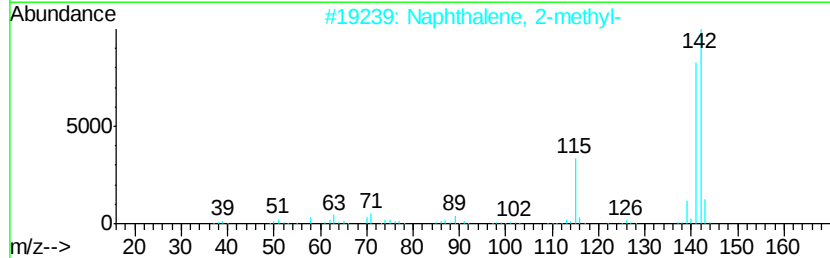
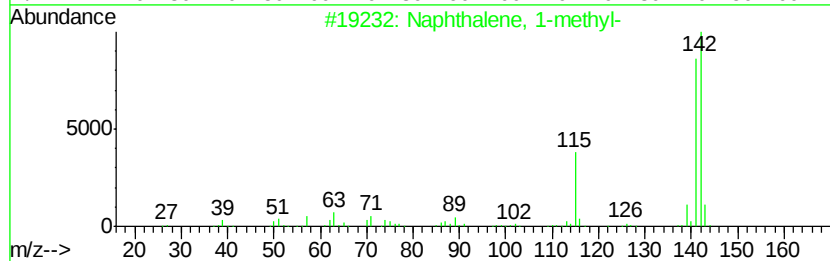
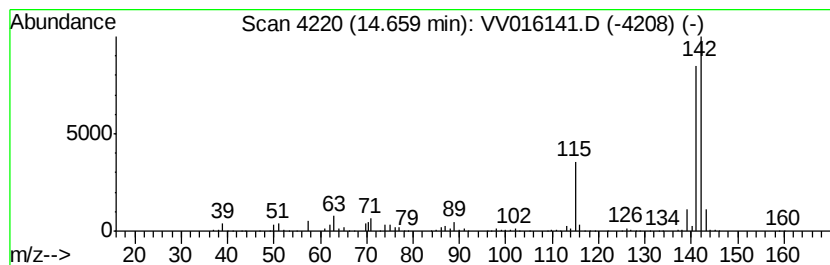
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Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.10 ug/L	906395	1,4-Dichlorobenzene-d4	11.27

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		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



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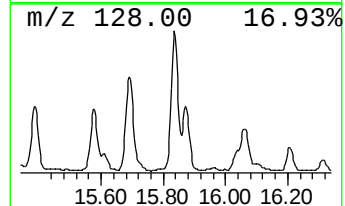
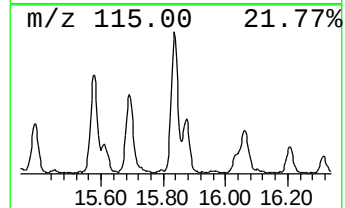
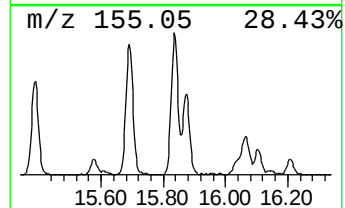
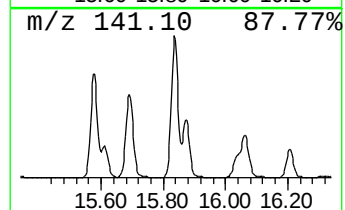
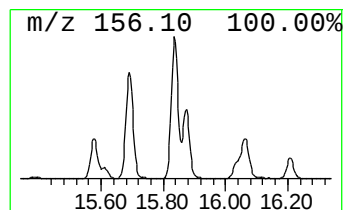
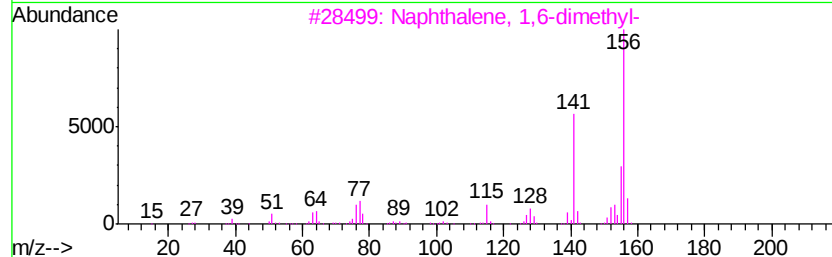
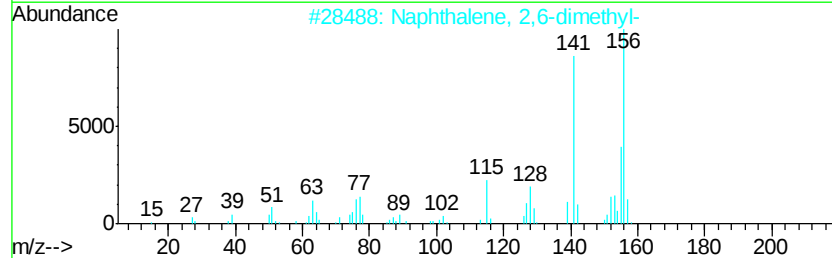
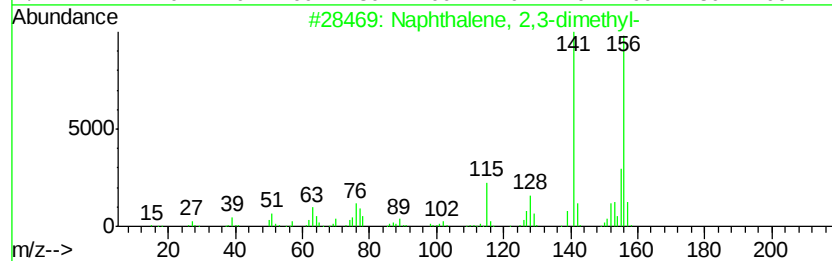
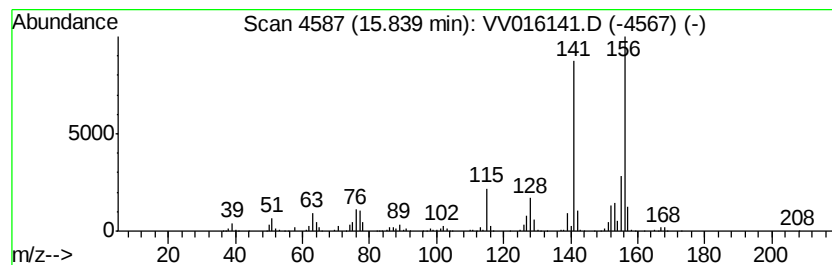
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	1.52 ug/L	652624	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052020\
Data File : VV016141.D
Acq On : 20 May 2020 18:57
Operator : SY/MD
Sample : L2725-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B23

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.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
Sulfur dioxide	1.45	11.0	ug/L	1118780	1	5.64	510076	5.0
Indane	11.55	5.0	ug/L	2153320	3	11.27	2153320	5.0
Indene	11.77	2.1	ug/L	892580	3	11.27	2153320	5.0
Benzo[c]thiophene	13.65	3.0	ug/L	1297410	3	11.27	2153320	5.0
Naphthalene, 1-me...	14.66	2.1	ug/L	906395	3	11.27	2153320	5.0
Naphthalene, 2,3-...	15.84	1.5	ug/L	652624	3	11.27	2153320	5.0