

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016151.D
 Acq On : 21 May 2020 14:19
 Operator : SY/MD
 Sample : L2725-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 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	1.444	80	110	145	rBV	160454	1093809	3.02%	2.412%
2	5.077	1222	1240	1251	rBV2	184626	456428	1.26%	1.007%
3	7.338	1931	1943	1956	rBV	217508	380489	1.05%	0.839%
4	7.412	1956	1966	1988	rVB	235516	417057	1.15%	0.920%
5	8.116	2172	2185	2229	rBV	204602	419942	1.16%	0.926%
6	8.875	2409	2421	2444	rBV	263043	438511	1.21%	0.967%
7	11.270	3156	3166	3184	rVB	297401	459882	1.27%	1.014%
8	11.550	3239	3253	3272	rBV	1250070	1886723	5.20%	4.161%
9	11.646	3272	3283	3307	rVB	241650	386380	1.07%	0.852%
10	11.768	3308	3321	3343	rBV	464665	714794	1.97%	1.577%
11	13.530	3853	3869	3890	rBV2	22137556	36267273	100.00%	79.990%
12	13.646	3895	3905	3917	rVB	552177	856708	2.36%	1.890%
13	14.839	4265	4276	4291	rBV	520618	809798	2.23%	1.786%
14	16.511	4784	4796	4816	rBV	476903	751950	2.07%	1.658%

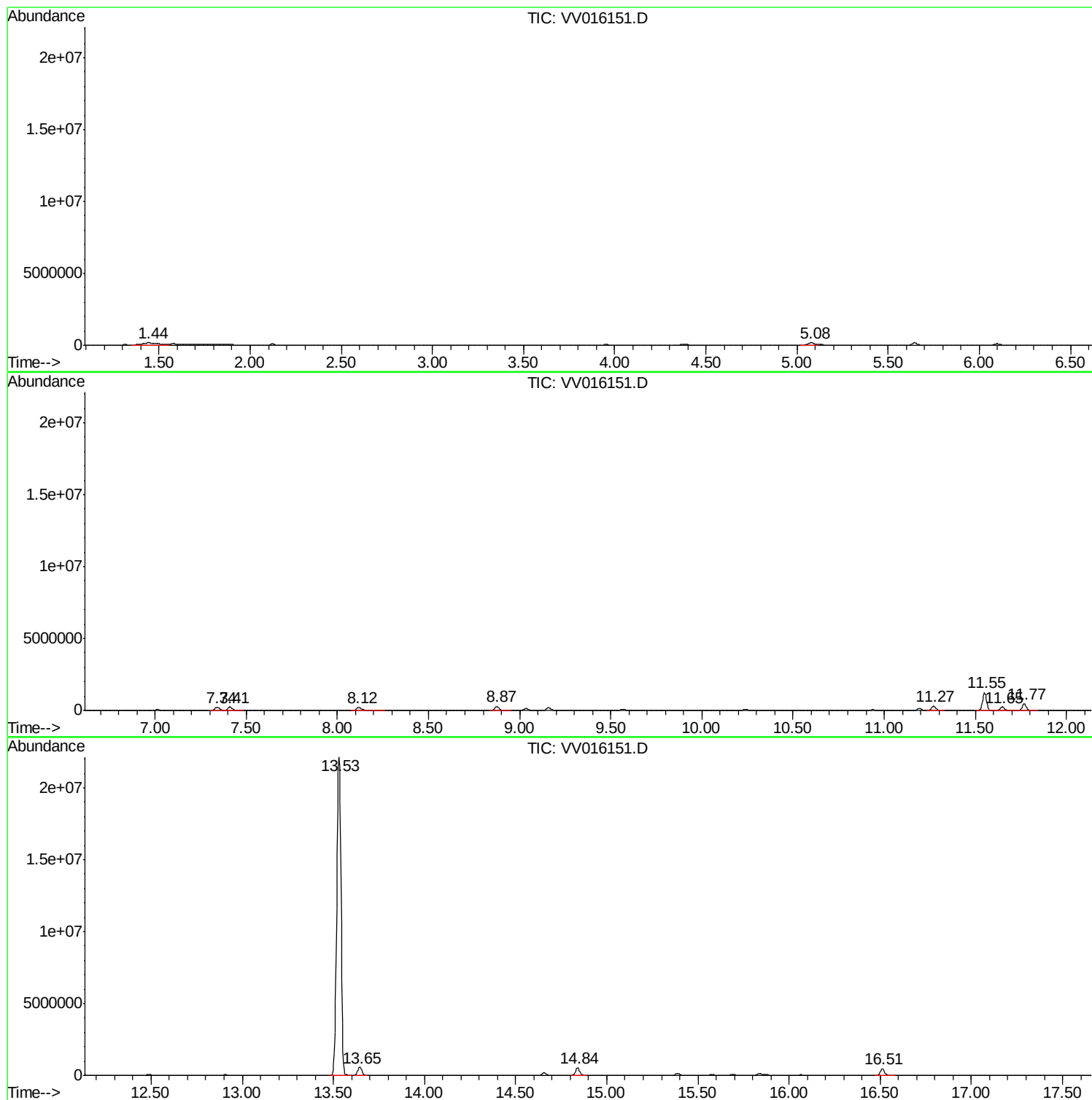
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Quant Title : TRACE VOA SOM01.0

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



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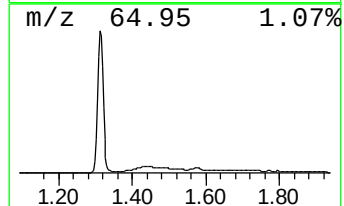
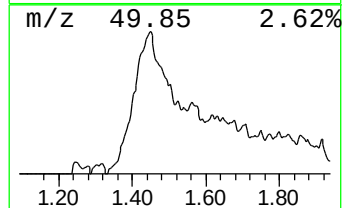
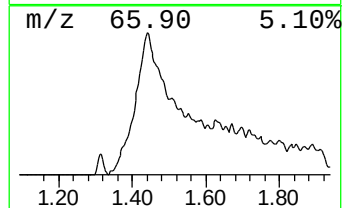
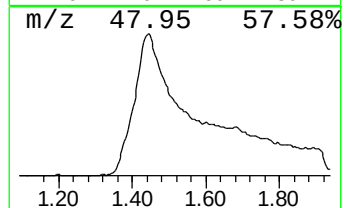
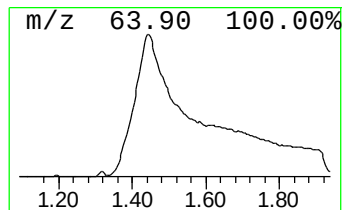
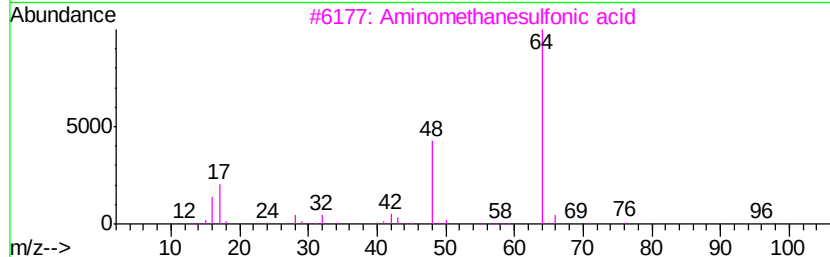
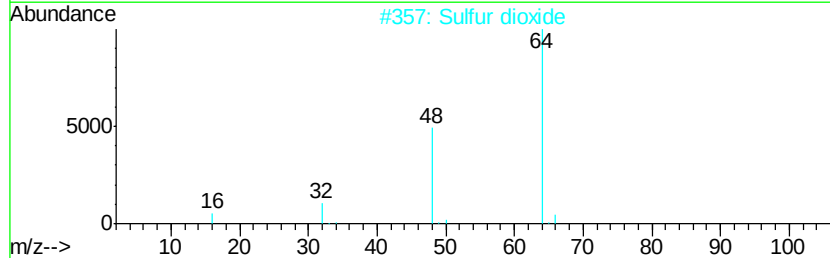
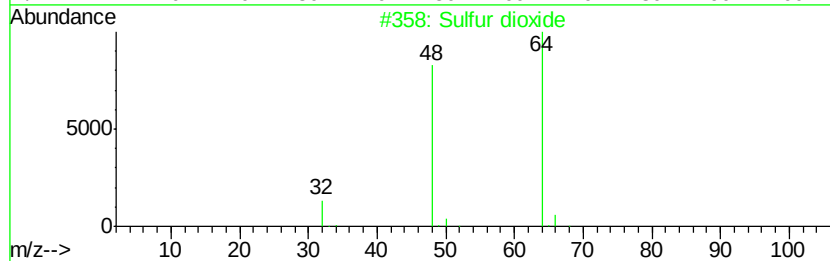
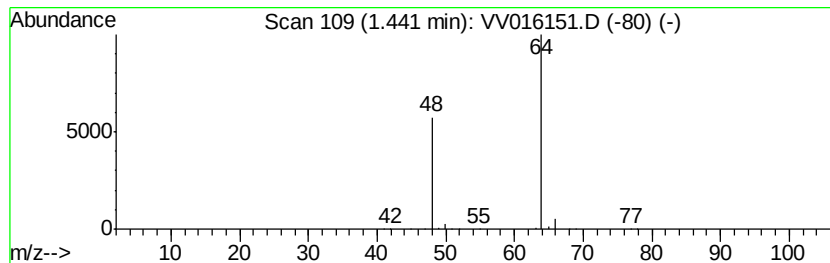
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.44	11.98 ug/L	1093810	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	83
2		Sulfur dioxide	64	O2S	007446-09-5	83
3		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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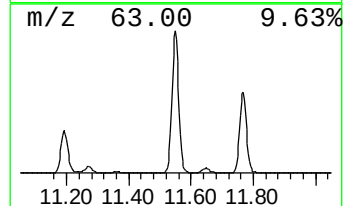
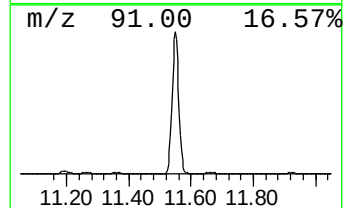
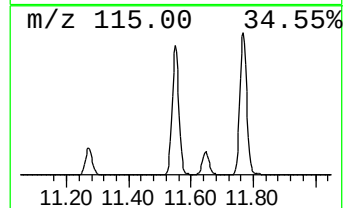
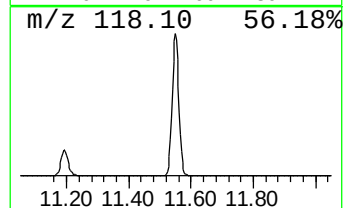
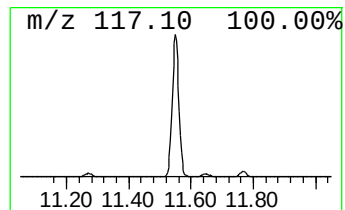
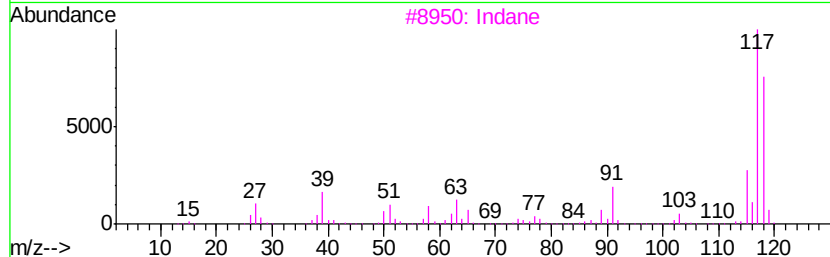
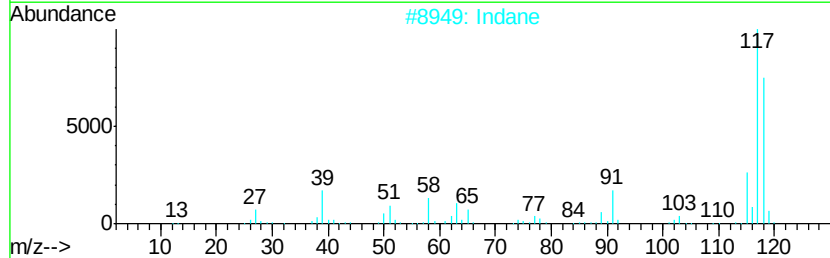
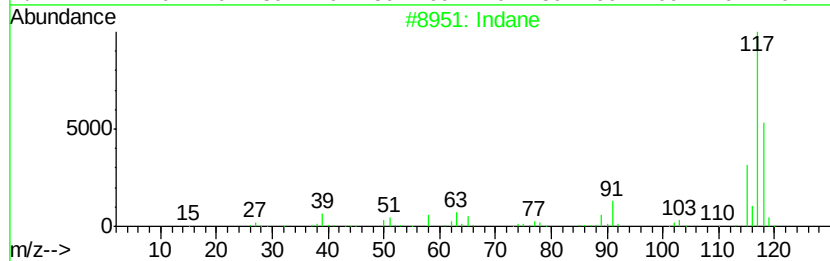
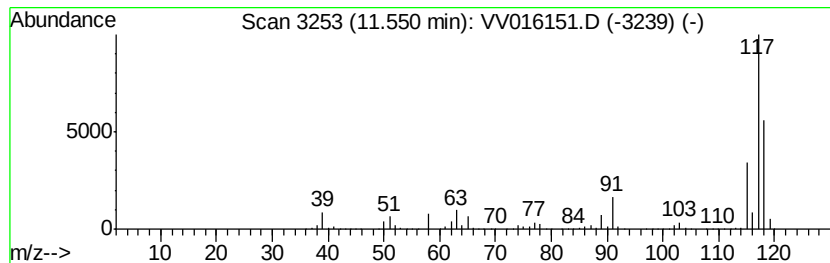
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	20.51 ug/L	1886720	1,4-Dichlorobenzene-d4	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	95
2	Indane		118	C9H10	000496-11-7	93
3	Indane		118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	83
5	Deltacyclene		118	C9H10	007785-10-6	68



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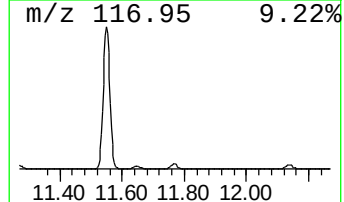
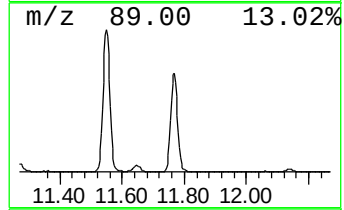
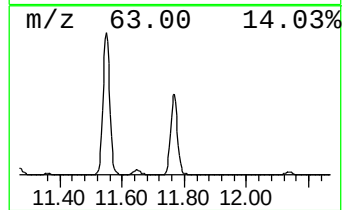
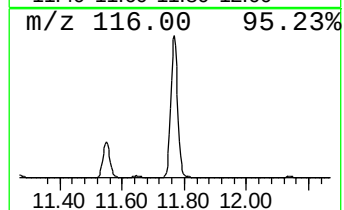
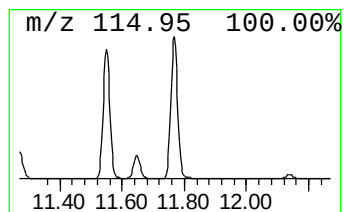
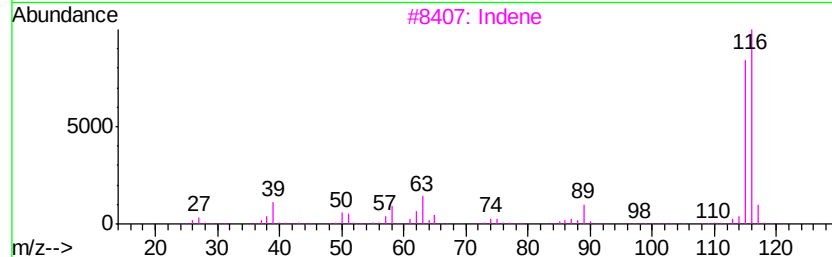
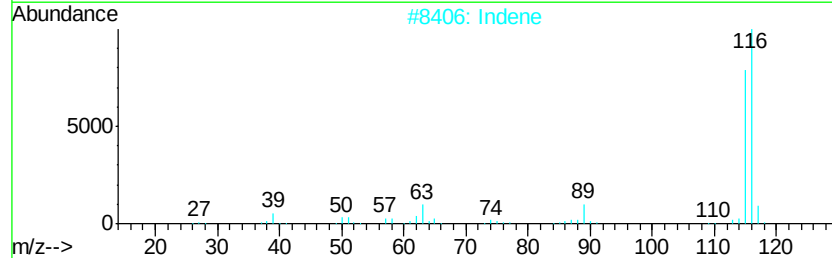
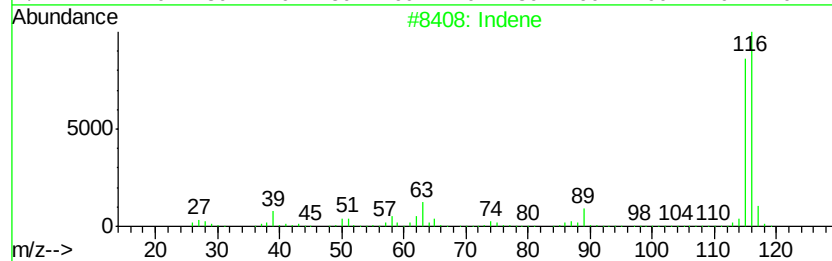
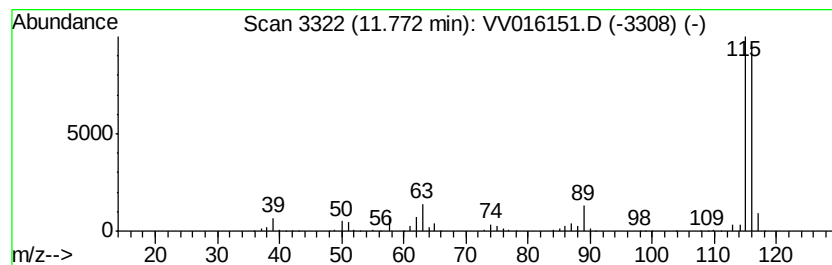
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	7.77 ug/L	714794	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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, 1,2-propadienyl-	116	C9H8	002327-99-3	91



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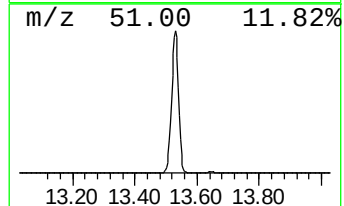
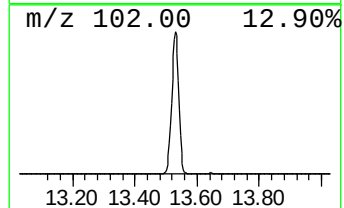
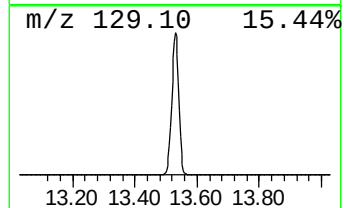
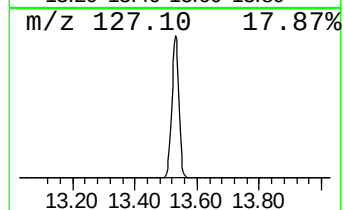
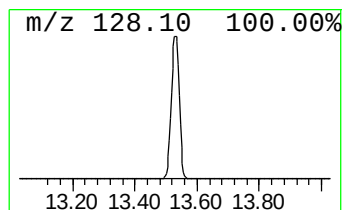
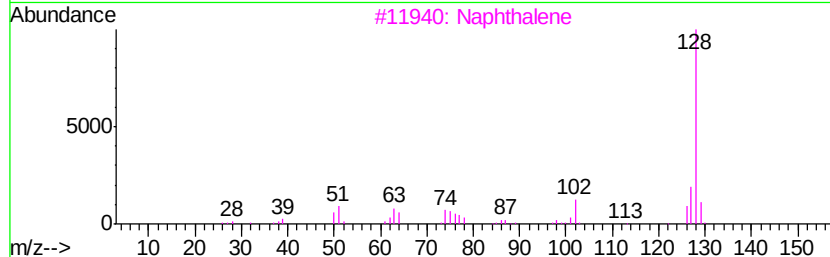
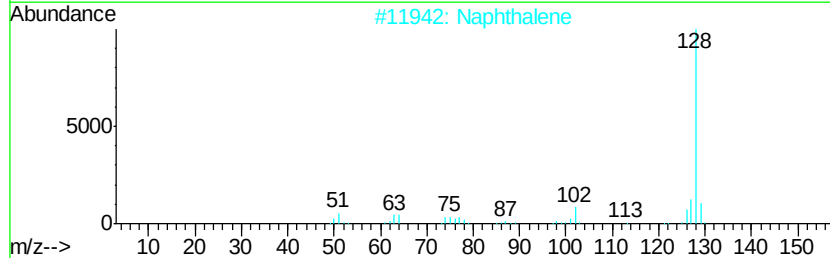
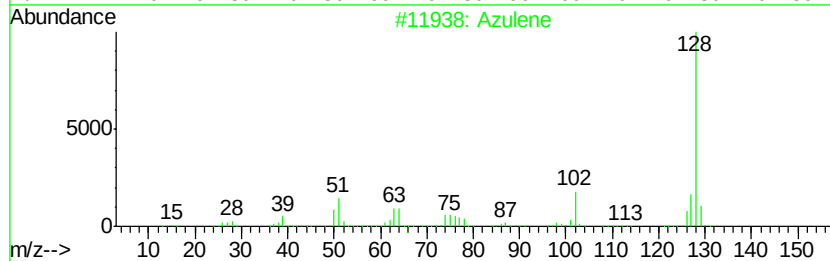
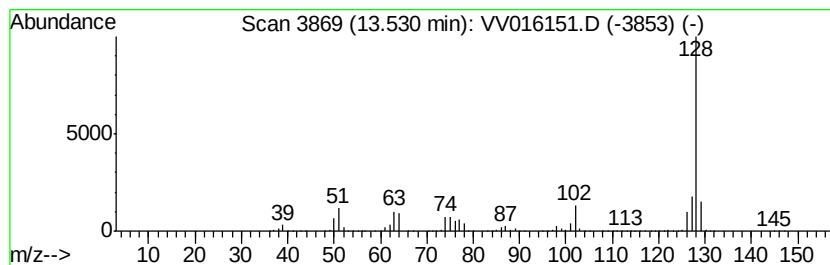
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	394.31 ug/L	36267300	1,4-Dichlorobenzene-d4	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene		128	C10H8	000275-51-4	95
2	Naphthalene		128	C10H8	000091-20-3	94
3	Naphthalene		128	C10H8	000091-20-3	94
4	Naphthalene		128	C10H8	000091-20-3	91
5	Azulene		128	C10H8	000275-51-4	91



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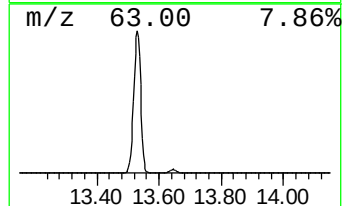
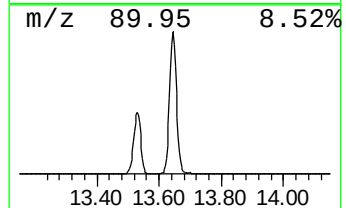
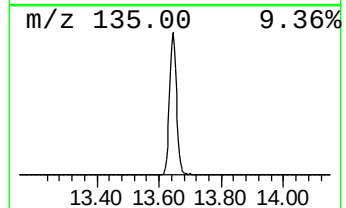
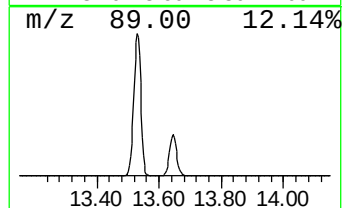
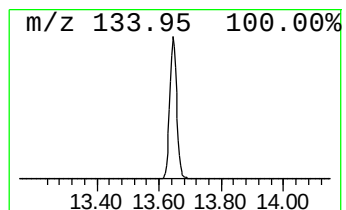
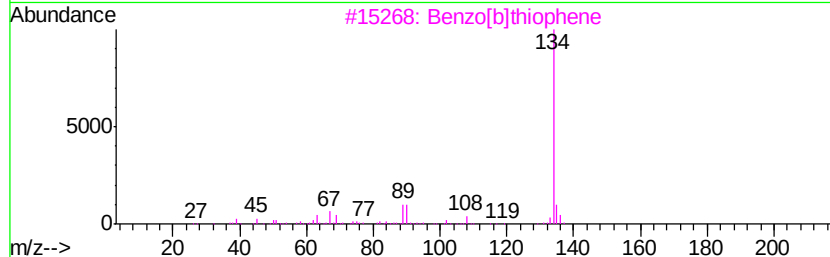
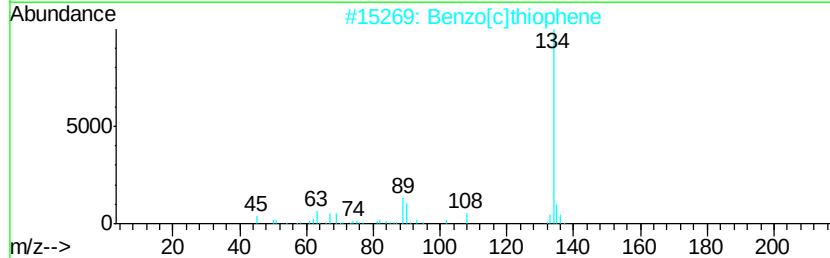
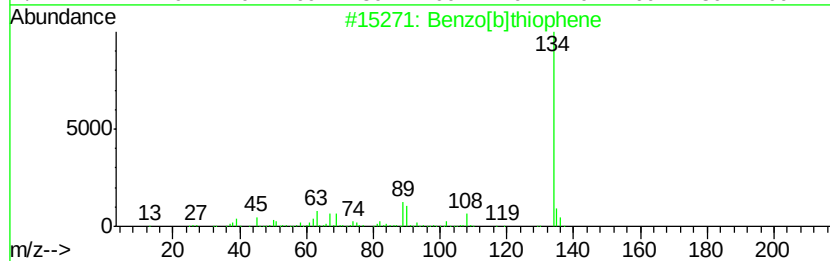
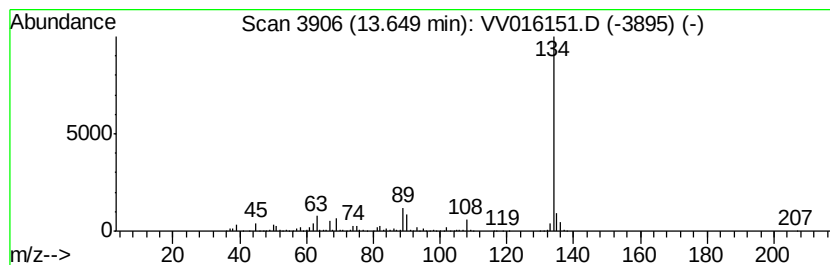
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Benzo[b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	9.31 ug/L	856708	1,4-Dichlorobenzene-d4	11.27

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



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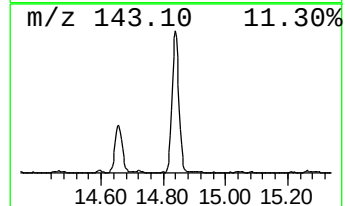
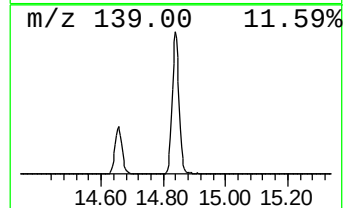
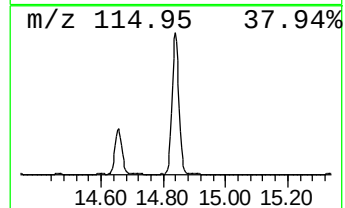
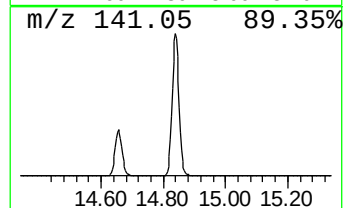
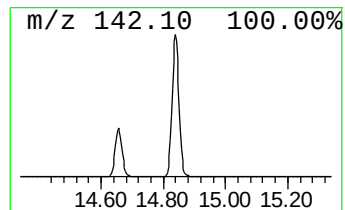
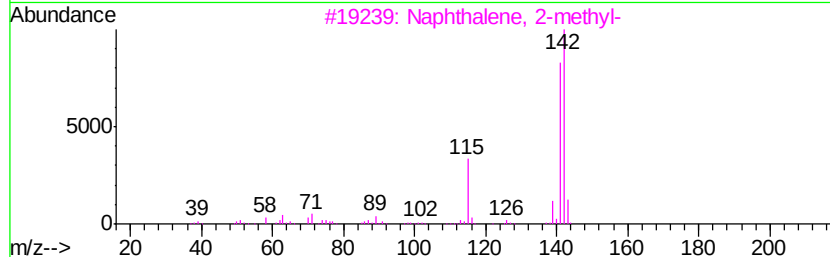
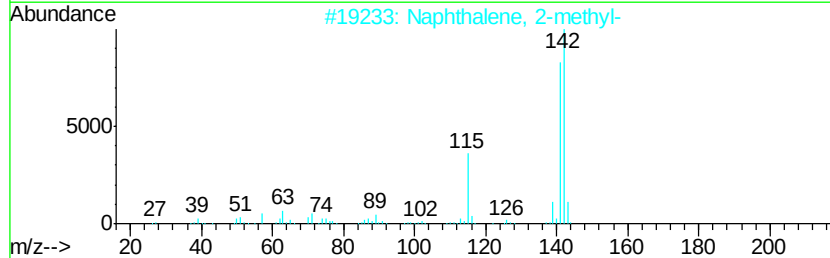
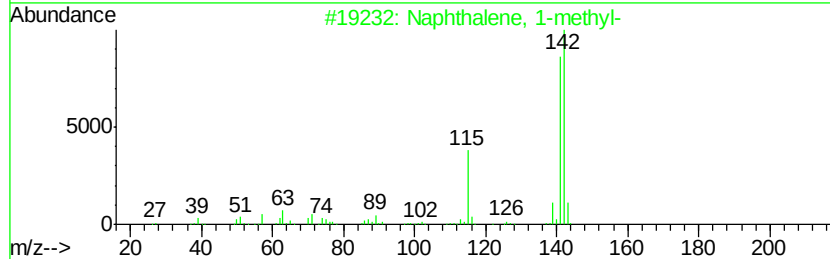
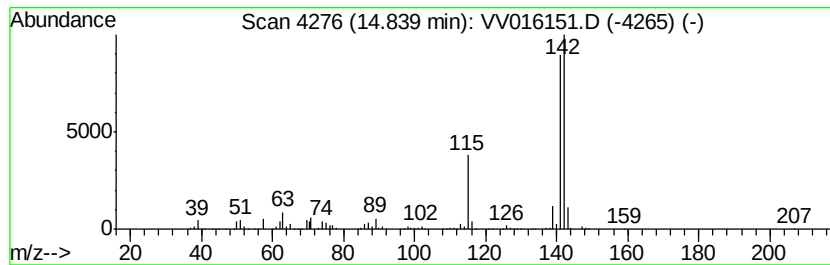
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	8.80 ug/L	809798	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		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_V\DATA\VV052120\
Data File : VV016151.D
Acq On : 21 May 2020 14:19
Operator : SY/MD
Sample : L2725-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 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	1.44	12.0	ug/L	1093810	1	5.64	456428	5.0
Indane	11.55	20.5	ug/L	1886720	3	11.27	459882	5.0
Indene	11.77	7.8	ug/L	714794	3	11.27	459882	5.0
Azulene	13.53	394.3	ug/L	36267300	3	11.27	459882	5.0
Benzo[b]thiophene	13.65	9.3	ug/L	856708	3	11.27	459882	5.0
Naphthalene, 1-me...	14.84	8.8	ug/L	809798	3	11.27	459882	5.0