

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082019\
 Data File : VV012308.D
 Acq On : 20 Aug 2019 13:08
 Operator : SY/MD
 Sample : K4395-04DL 4X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE2DL

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_V\METHOD\SOMVTR081919WMA.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	2.225	341	353	372	rBV	458991	728376	1.72%	1.105%
2	9.051	2464	2476	2492	rBV	345467	539167	1.27%	0.818%
3	9.177	2499	2515	2530	rBV	289475	470286	1.11%	0.713%
4	10.955	3053	3068	3083	rBV	318910	481308	1.14%	0.730%
5	11.289	3162	3172	3189	rVB2	294045	473393	1.12%	0.718%
6	11.572	3246	3260	3280	rBV	3354812	5165708	12.19%	7.837%
7	11.669	3280	3290	3316	rVB2	250876	452942	1.07%	0.687%
8	11.788	3316	3327	3339	rBV	573508	864650	2.04%	1.312%
9	12.508	3541	3551	3561	rBV	274871	480887	1.13%	0.730%
10	12.929	3664	3682	3692	rBV2	394703	614610	1.45%	0.932%
11	13.559	3860	3878	3897	rBV2	24713658	42381865	100.00%	64.297%
12	13.669	3898	3912	3922	rBV	674886	1047449	2.47%	1.589%
13	14.678	4215	4226	4253	rVB	3135401	4792759	11.31%	7.271%
14	14.865	4271	4284	4298	rBV	2497136	3847887	9.08%	5.838%
15	15.411	4441	4454	4464	rVB	313118	476140	1.12%	0.722%
16	15.714	4536	4548	4570	rVB	282744	512332	1.21%	0.777%
17	15.858	4583	4593	4600	rBV	397109	616965	1.46%	0.936%
18	16.533	4783	4803	4827	rBV	1224764	1969198	4.65%	2.987%

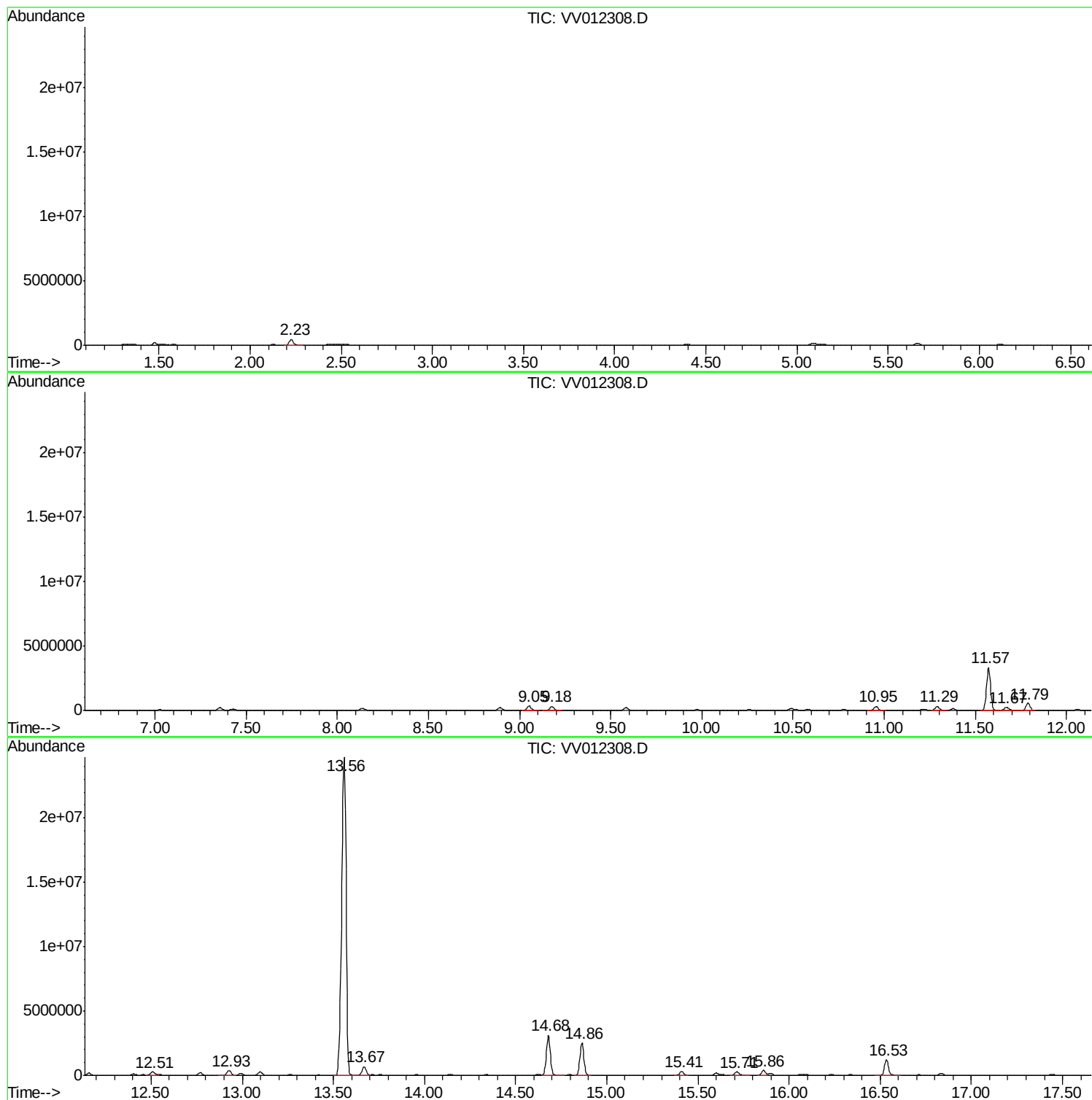
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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



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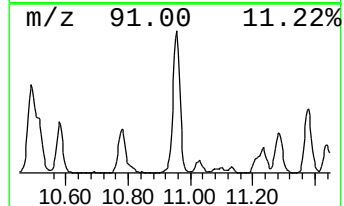
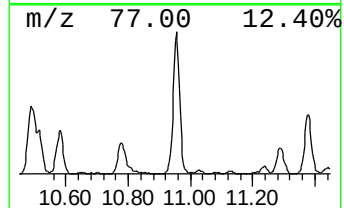
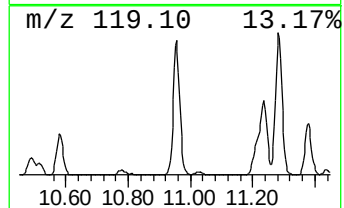
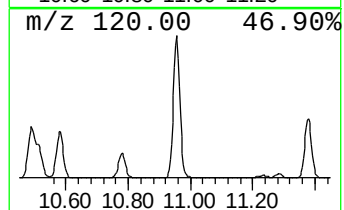
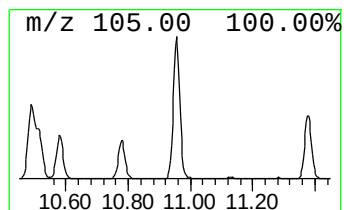
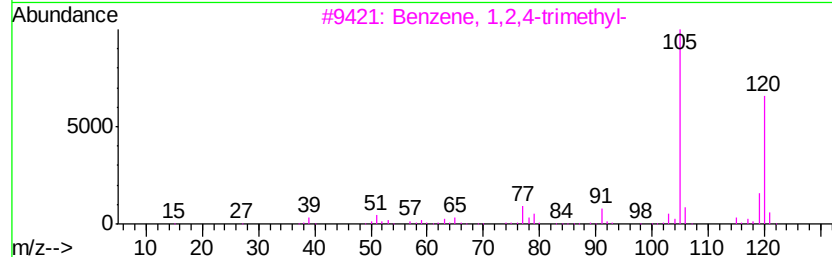
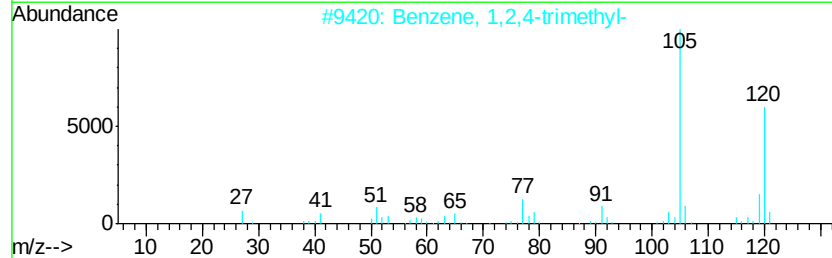
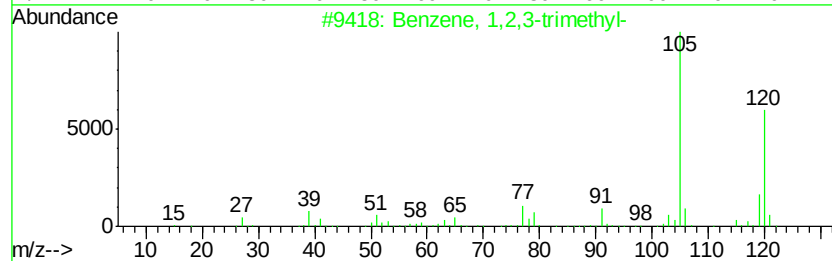
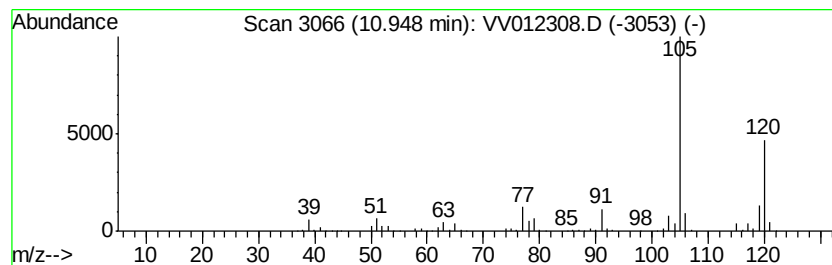
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	5.08 ug/L	481308	1,4-Dichlorobenzene-d4	11.29

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		Mesitylene	120	C9H12	000108-67-8	94
5		Mesitylene	120	C9H12	000108-67-8	93



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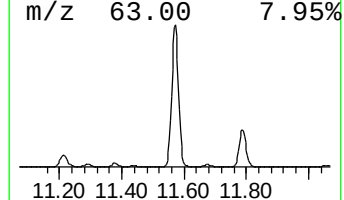
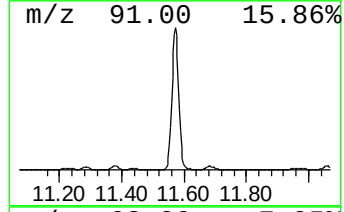
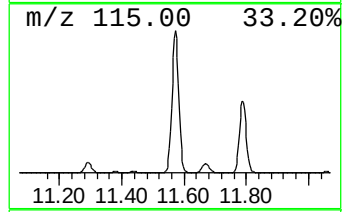
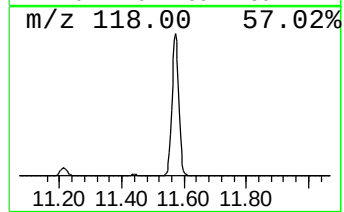
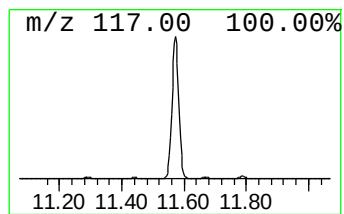
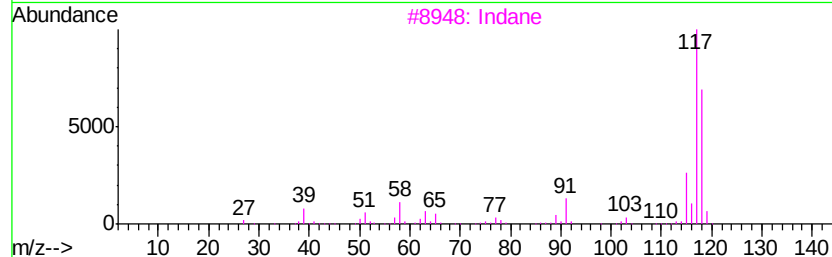
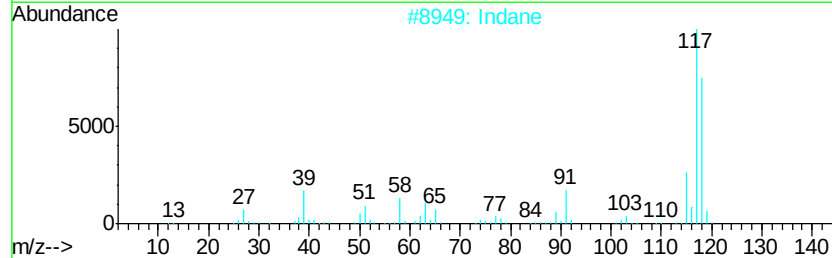
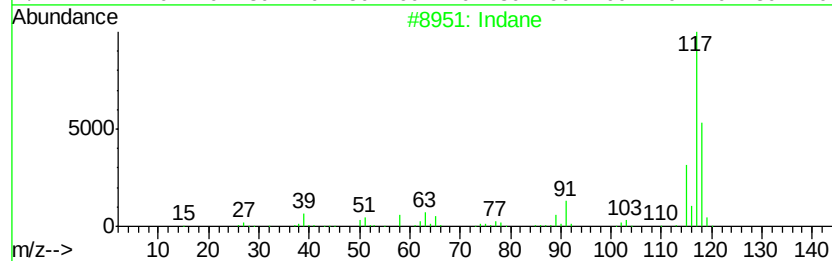
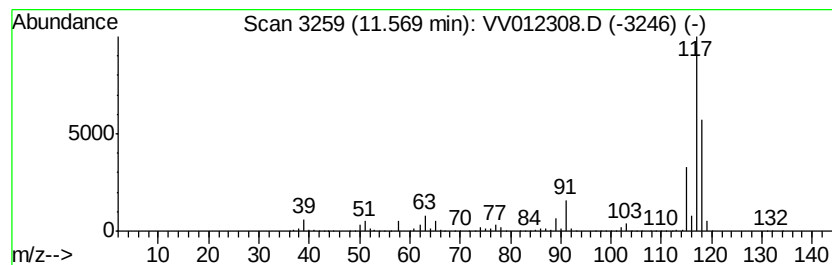
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Quant Title : TRACE VOA SOM01.0

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.
11.57	54.56 ug/L	5165710	1,4-Dichlorobenzene-d4	11.29

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	87
4	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	87
5	Benzene, cyclopropyl-		118	C9H10	000873-49-4	83



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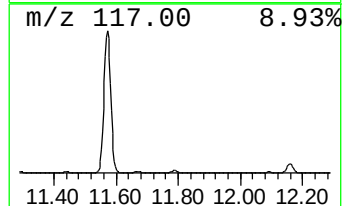
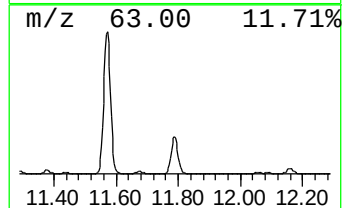
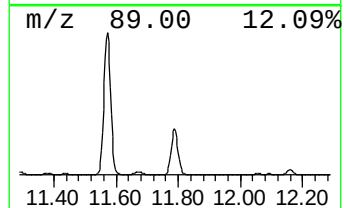
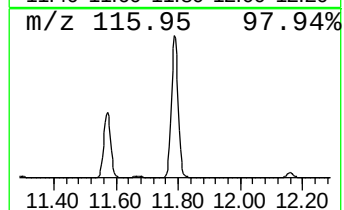
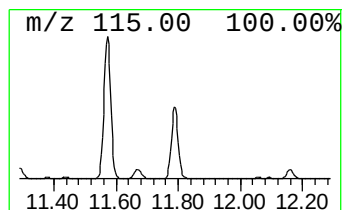
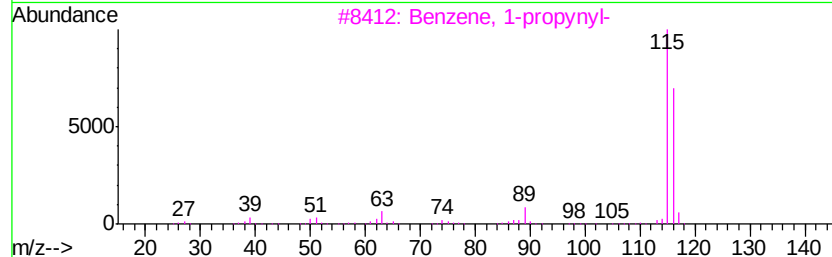
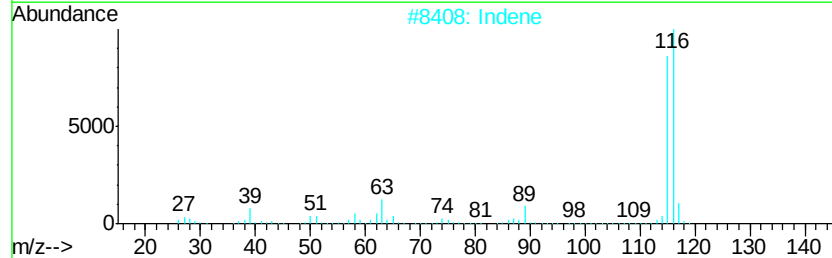
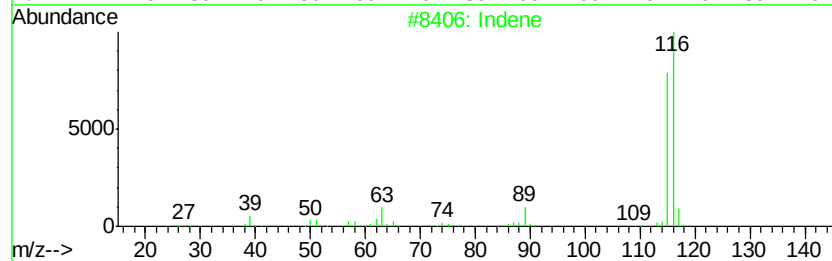
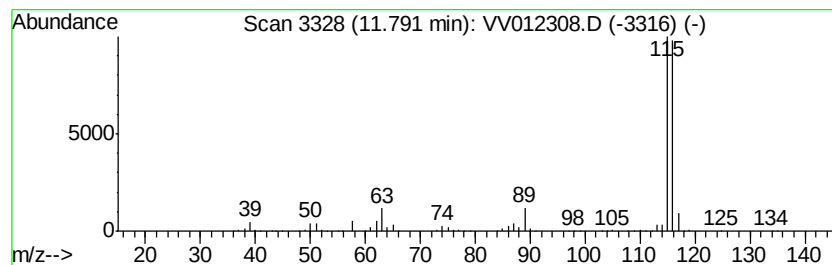
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Peak Number 3 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	9.13 ug/L	864650	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	95
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4		Indene	116	C9H8	000095-13-6	94
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91



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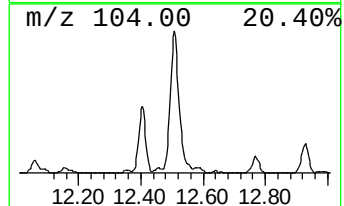
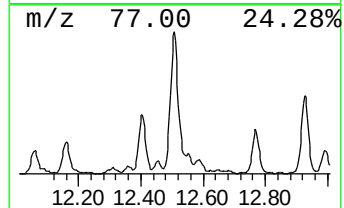
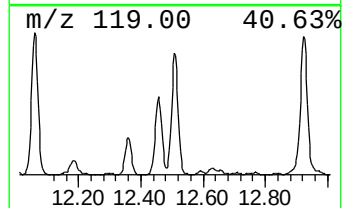
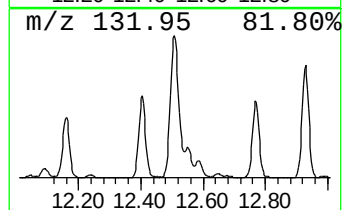
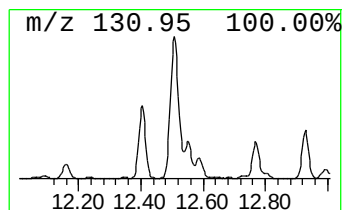
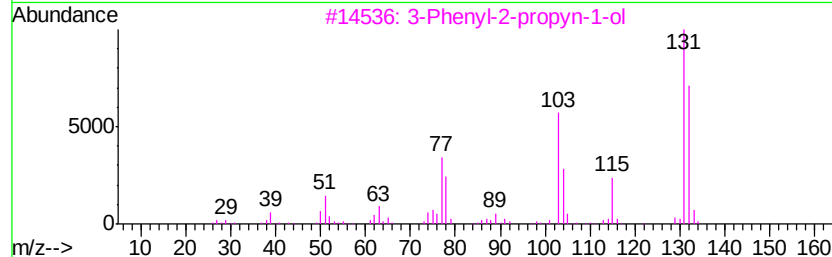
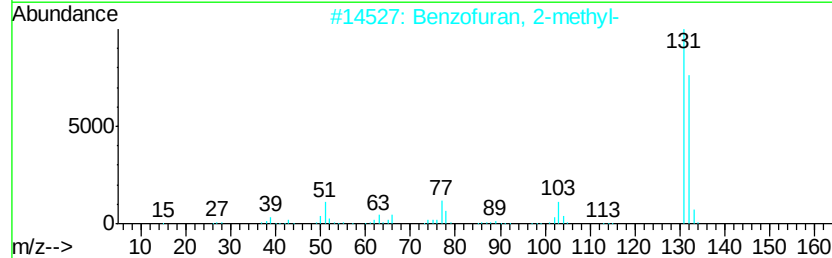
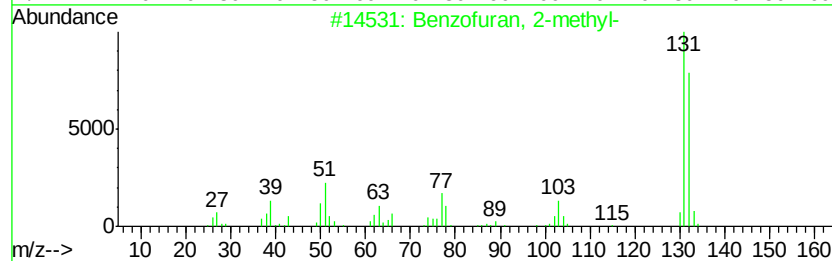
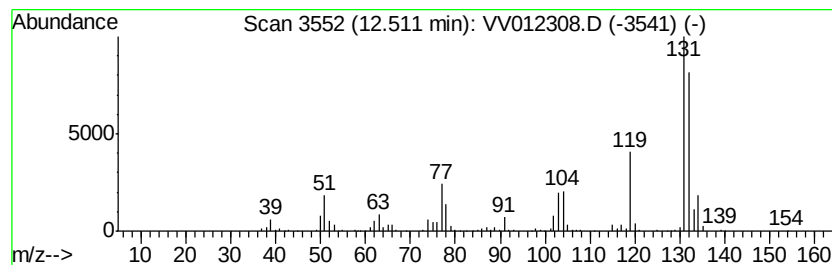
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	5.08 ug/L	480887	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 89
2		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 89
3		3-Phenyl-2-propyn-1-ol	132 C9H8O	001504-58-1 76
4		2-Propenal, 3-phenyl-	132 C9H8O	000104-55-2 76
5		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 76



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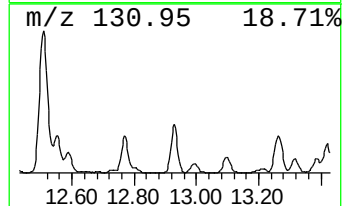
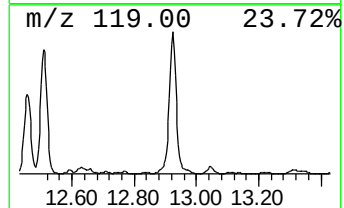
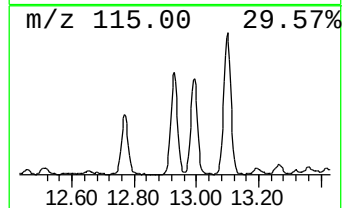
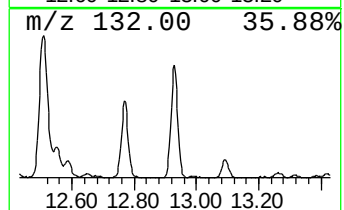
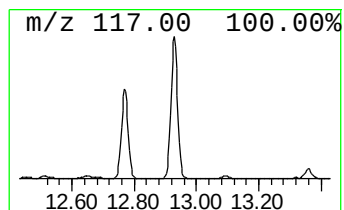
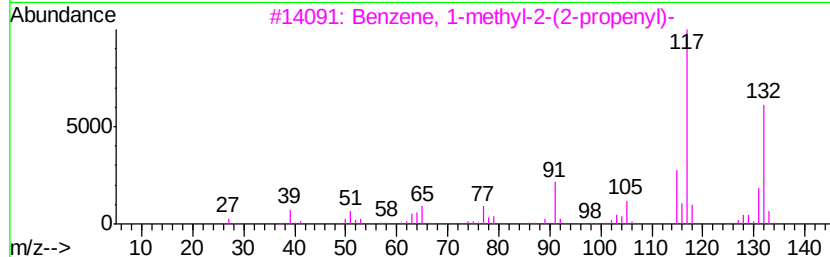
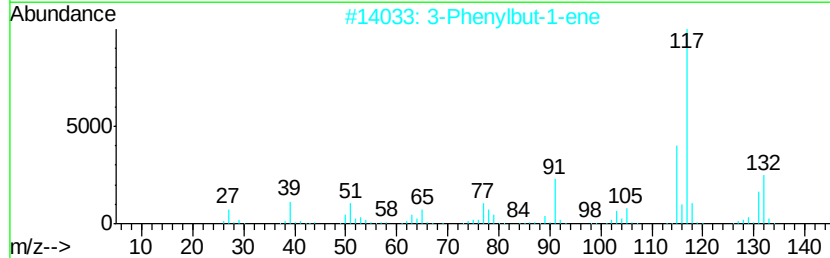
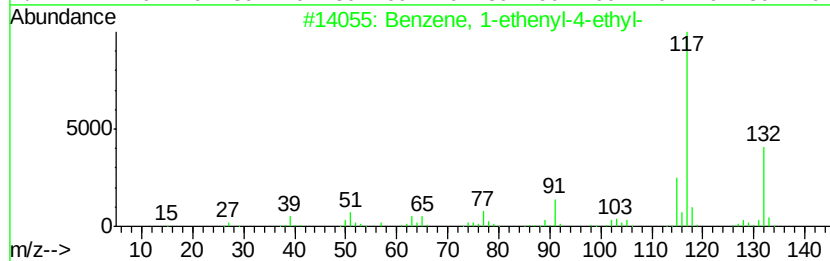
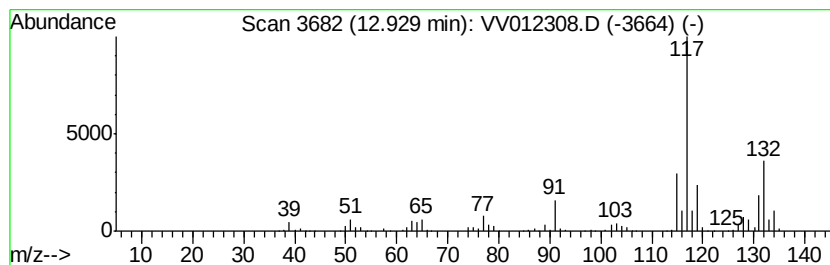
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	6.49 ug/L	614610	1,4-Dichlorobenzene-d4	11.29

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	80



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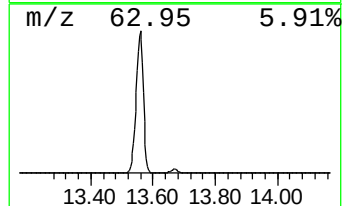
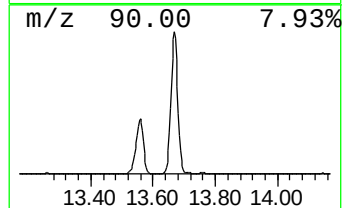
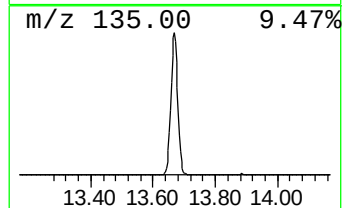
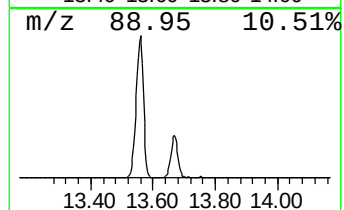
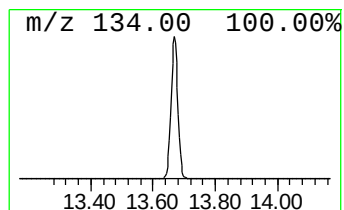
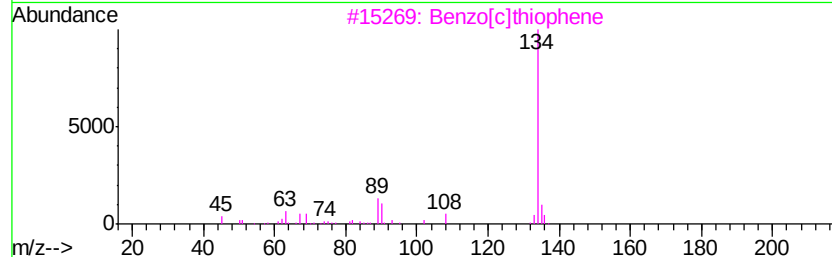
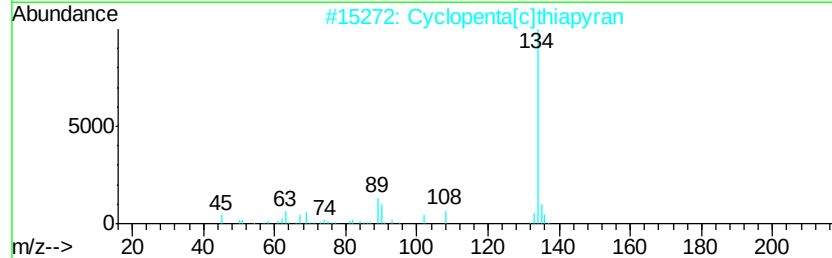
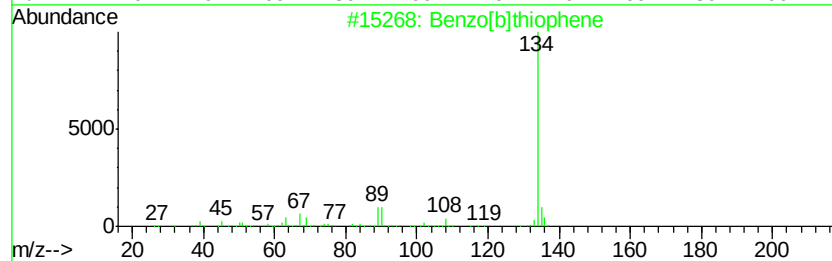
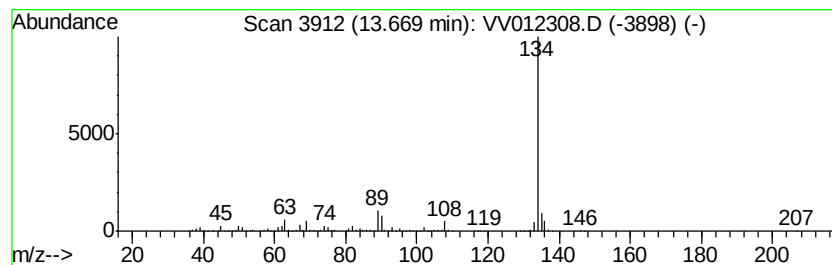
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Benzo[b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	11.06 ug/L	1047450	1,4-Dichlorobenzene-d4	11.29

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082019\
Data File : VV012308.D
Acq On : 20 Aug 2019 13:08
Operator : SY/MD
Sample : K4395-04DL 4X
Misc : 25mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

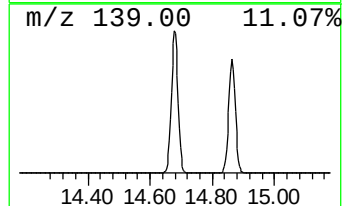
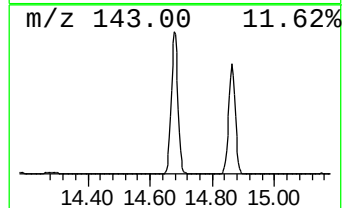
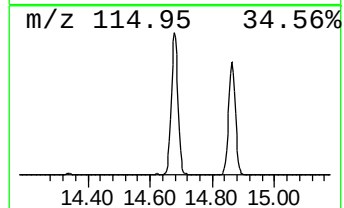
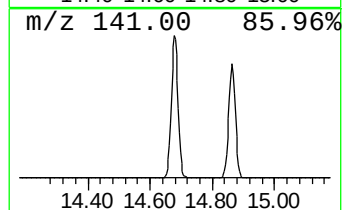
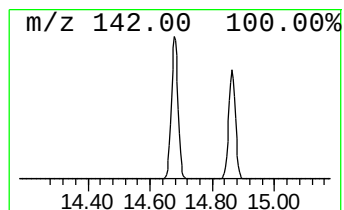
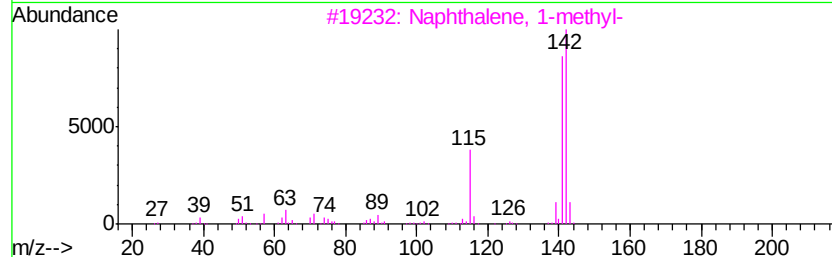
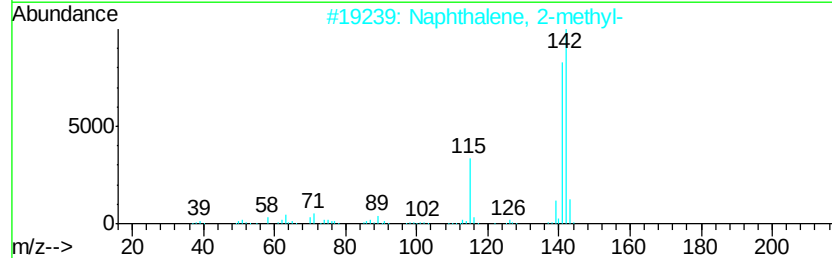
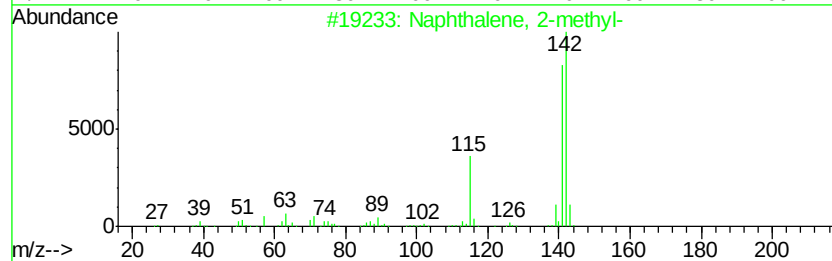
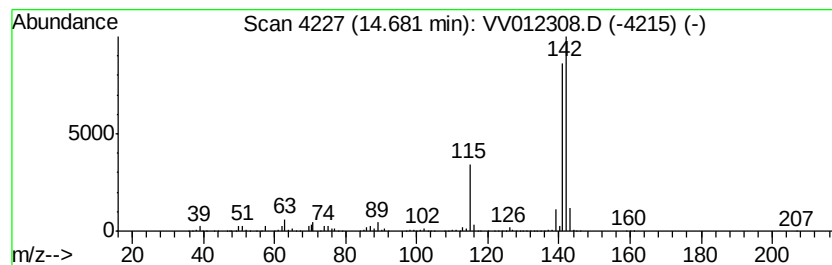
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	50.62 ug/L	4792760	1,4-Dichlorobenzene-d4	11.29

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082019\
Data File : VV012308.D
Acq On : 20 Aug 2019 13:08
Operator : SY/MD
Sample : K4395-04DL 4X
Misc : 25mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

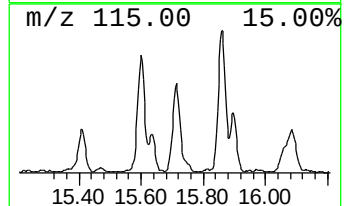
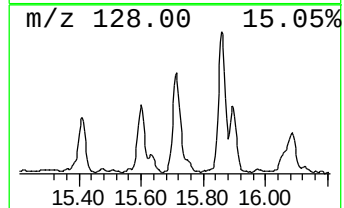
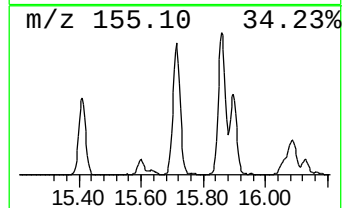
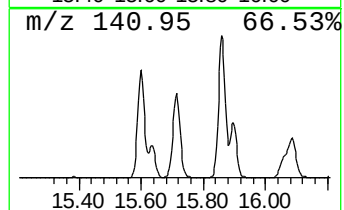
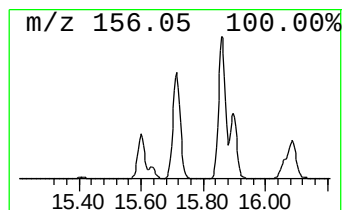
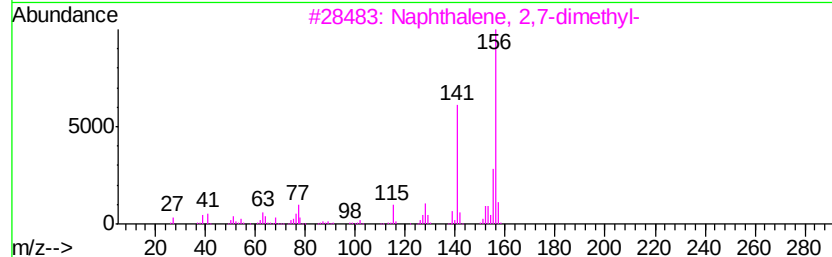
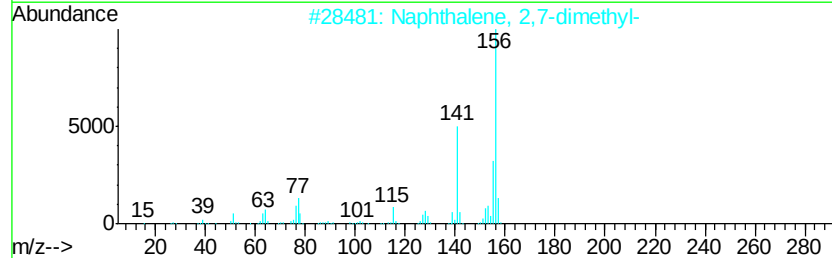
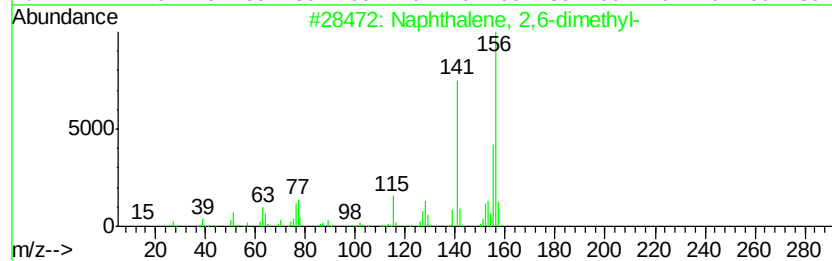
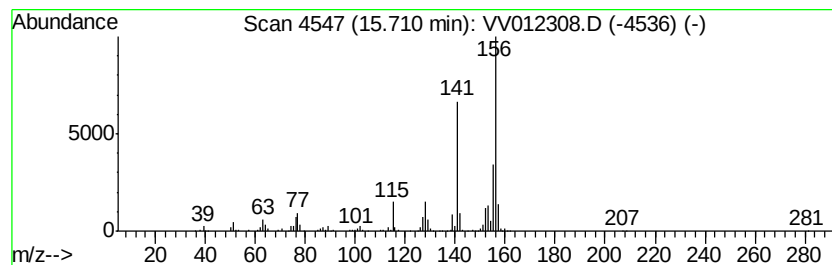
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	5.41 ug/L	512332	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082019\
Data File : VV012308.D
Acq On : 20 Aug 2019 13:08
Operator : SY/MD
Sample : K4395-04DL 4X
Misc : 25mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

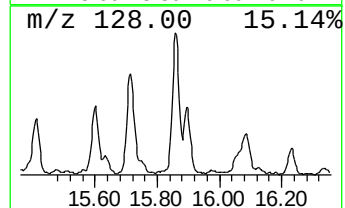
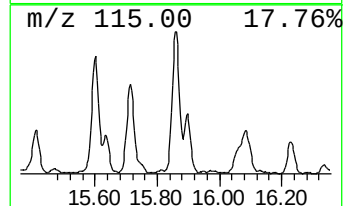
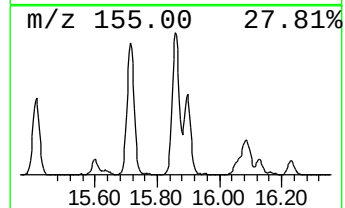
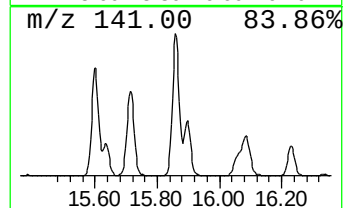
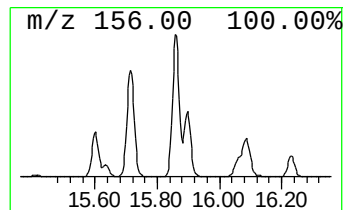
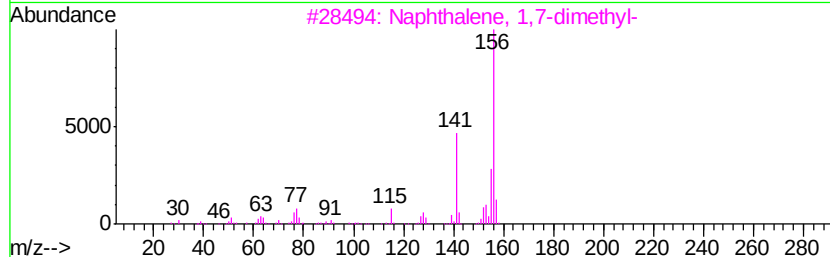
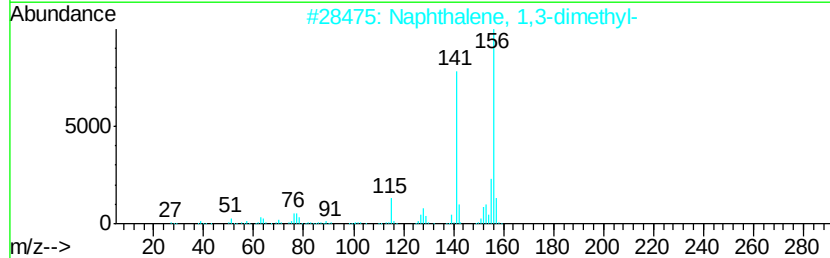
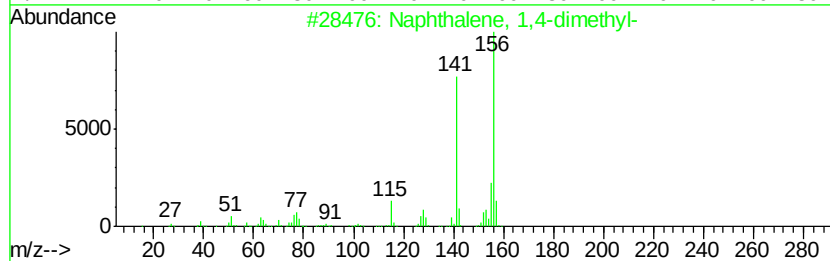
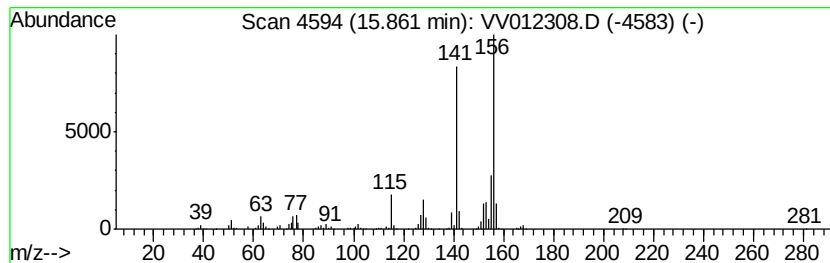
Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.86	6.52 ug/L	616965	1,4-Dichlorobenzene-d4	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV082019\
Data File : VV012308.D
Acq On : 20 Aug 2019 13:08
Operator : SY/MD
Sample : K4395-04DL 4X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.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...	10.95	5.1	ug/L	481308	3	11.29	473393	5.0
Indane	11.57	54.6	ug/L	5165710	3	11.29	473393	5.0
Indene	11.79	9.1	ug/L	864650	3	11.29	473393	5.0
Benzofuran, 2-met...	12.51	5.1	ug/L	480887	3	11.29	473393	5.0
Benzene, 1-etheny...	12.93	6.5	ug/L	614610	3	11.29	473393	5.0
Benzo[b]thiophene	13.67	11.1	ug/L	1047450	3	11.29	473393	5.0
Naphthalene, 1-me...	14.68	50.6	ug/L	4792760	3	11.29	473393	5.0
Naphthalene, 2,6-...	15.71	5.4	ug/L	512332	3	11.29	473393	5.0
Naphthalene, 1,4-...	15.86	6.5	ug/L	616965	3	11.29	473393	5.0