

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012289.D
 Acq On : 19 Aug 2019 20:51
 Operator : SY/MD
 Sample : K4395-04
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE2

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	1.476	111	120	147	rBV	1325900	1806853	1.08%	0.631%
2	2.225	338	353	372	rBV	1886489	2944474	1.77%	1.028%
3	9.052	2464	2476	2491	rBV	1594365	2465593	1.48%	0.860%
4	9.177	2501	2515	2534	rVB	1345863	2137689	1.28%	0.746%
5	10.955	3053	3068	3083	rBV	1437023	2167165	1.30%	0.756%
6	11.576	3246	3261	3281	rBV	14332044	22490176	13.49%	7.848%
7	11.788	3316	3327	3339	rBV	2668898	4105459	2.46%	1.433%
8	12.508	3541	3551	3561	rBV	1362292	2339858	1.40%	0.817%
9	12.929	3663	3682	3692	rBV2	1844342	2873187	1.72%	1.003%
10	13.100	3723	3735	3748	rBV2	1254362	2032791	1.22%	0.709%
11	13.592	3861	3888	3899	rBV2	64616995	166694942	100.00%	58.172%
12	13.678	3899	3915	3924	rBV	3057467	4604017	2.76%	1.607%
13	14.685	4216	4228	4253	rVB	15424126	24891235	14.93%	8.686%
14	14.871	4272	4286	4299	rBV	12535478	19975859	11.98%	6.971%
15	15.411	4432	4454	4465	rBV	1953743	3040729	1.82%	1.061%
16	15.601	4495	4513	4520	rBV	1125185	1848753	1.11%	0.645%
17	15.714	4536	4548	4571	rVB	1685873	2975746	1.79%	1.038%
18	15.858	4583	4593	4600	rBV	2274013	3612258	2.17%	1.261%
19	16.537	4783	4804	4824	rBV	7158139	11291392	6.77%	3.940%
20	16.833	4884	4896	4916	rVB	1374823	2257330	1.35%	0.788%

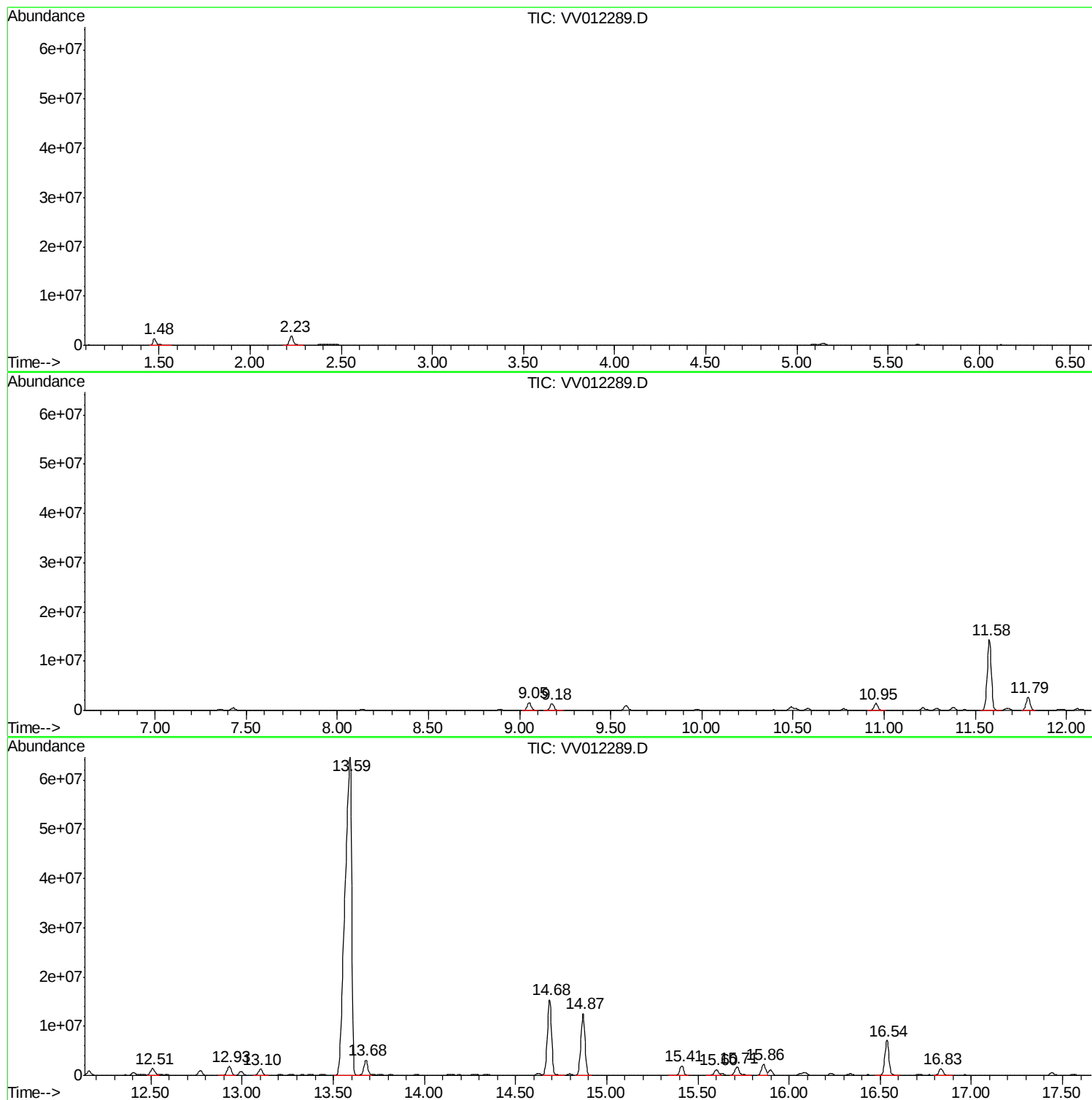
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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



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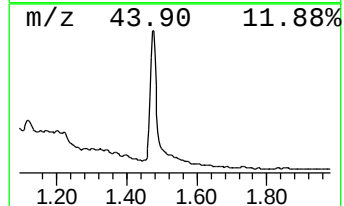
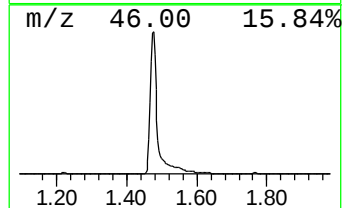
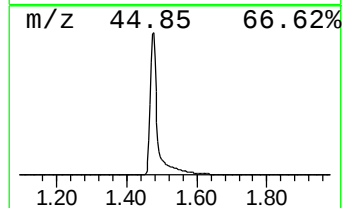
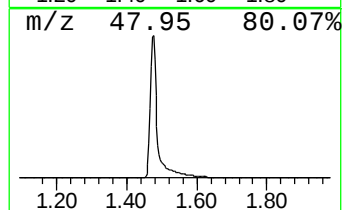
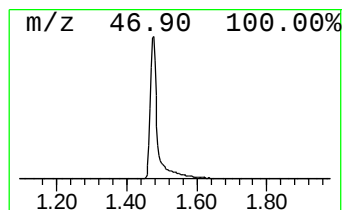
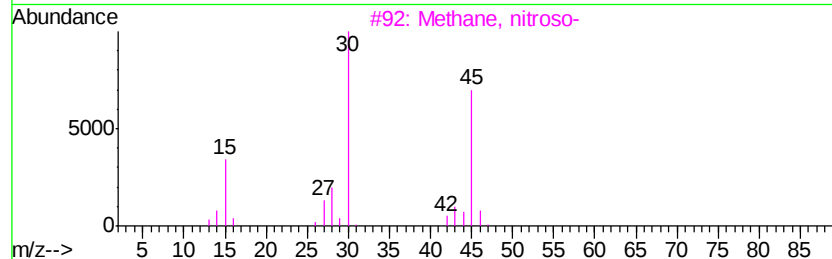
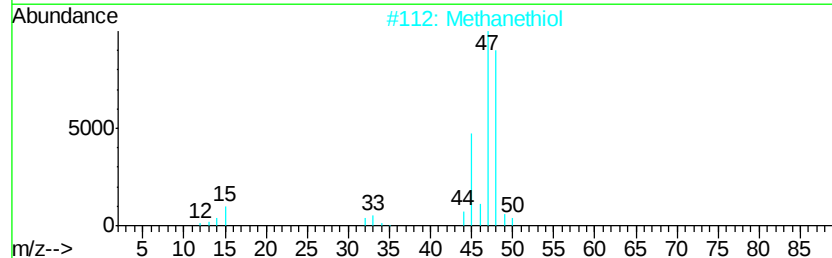
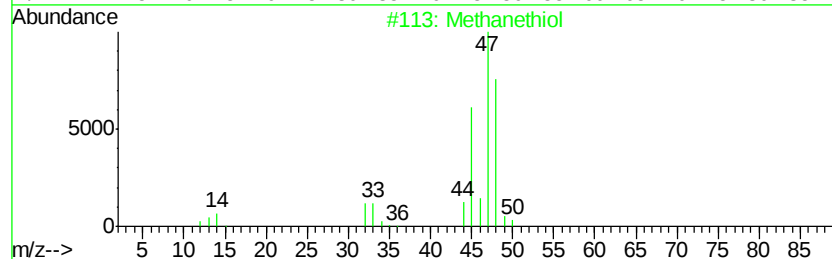
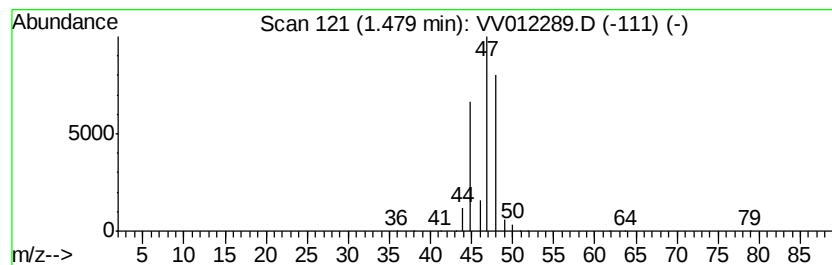
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Methanethiol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	3.66 ug/L	1806850	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methanethiol	48	CH4S	000074-93-1	91
2		Methanethiol	48	CH4S	000074-93-1	83
3		Methane, nitroso-	45	CH3NO	000865-40-7	5
4		Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	4
5		Formamide	45	CH3NO	000075-12-7	4



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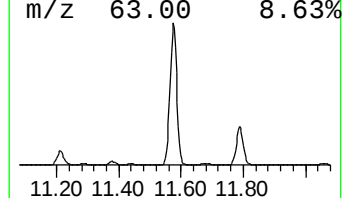
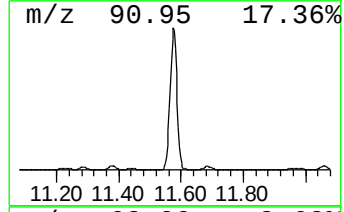
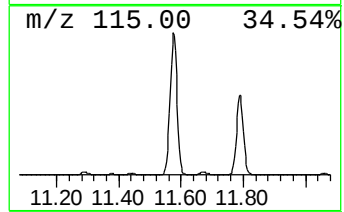
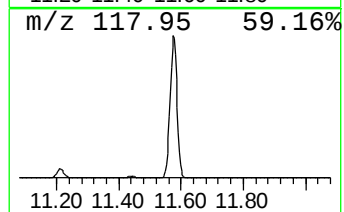
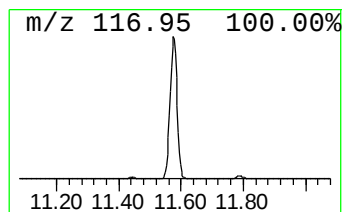
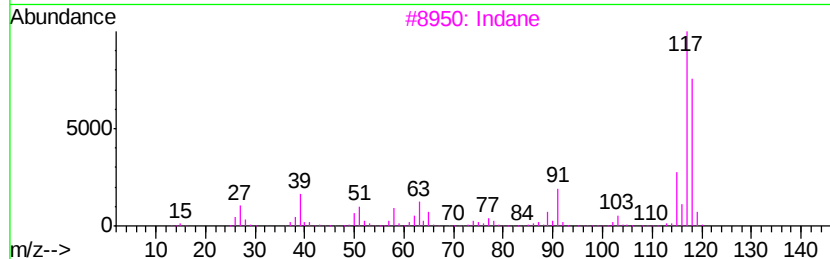
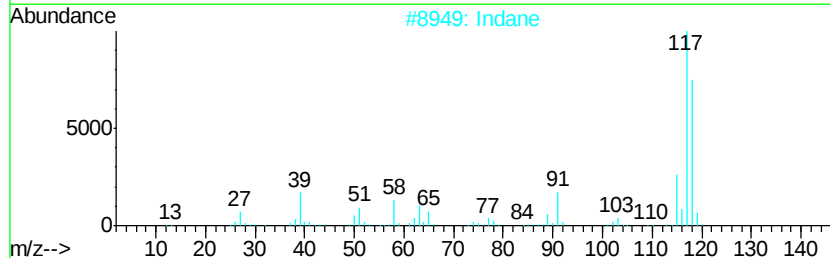
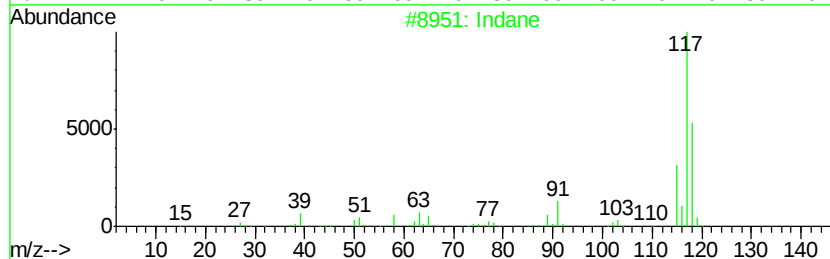
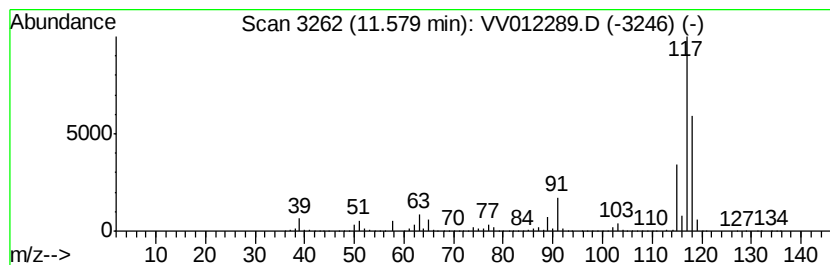
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	5.00 ug/L	22490200	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 90
4	Indane		118 C9H10	000496-11-7 87
5	Benzene, 2-propenyl-		118 C9H10	000300-57-2 74



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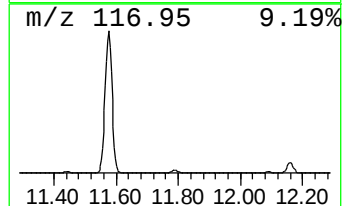
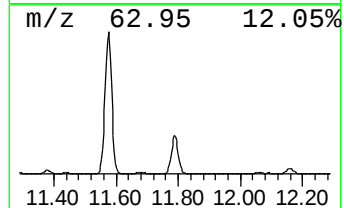
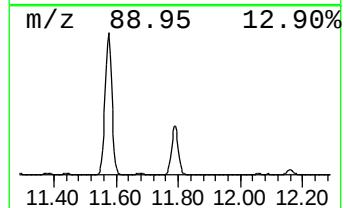
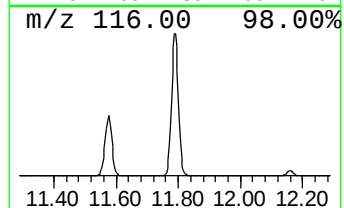
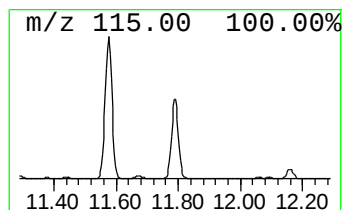
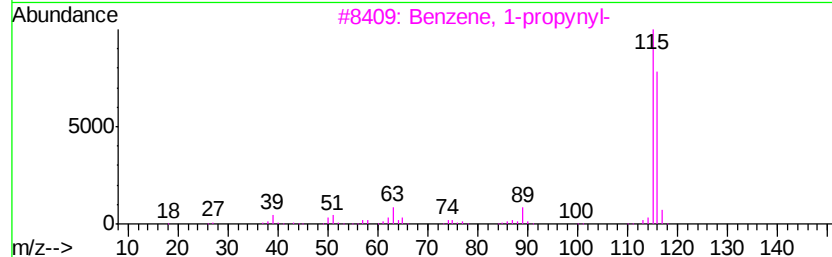
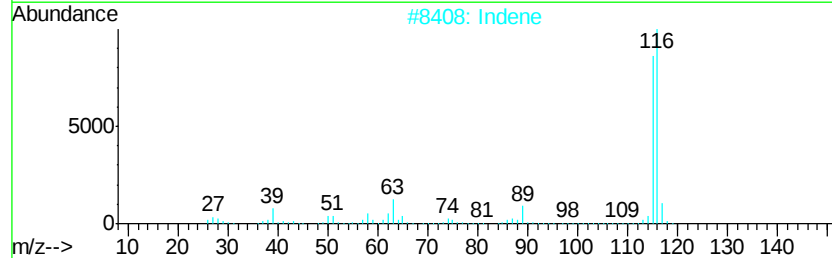
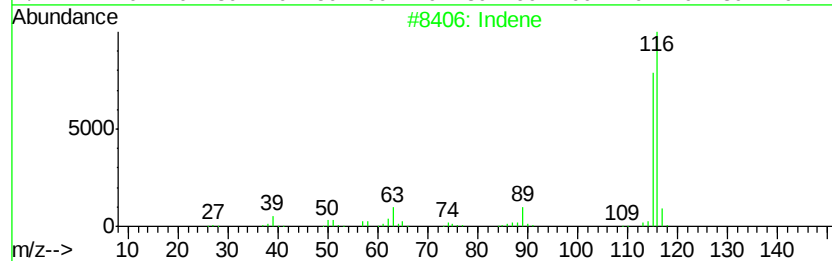
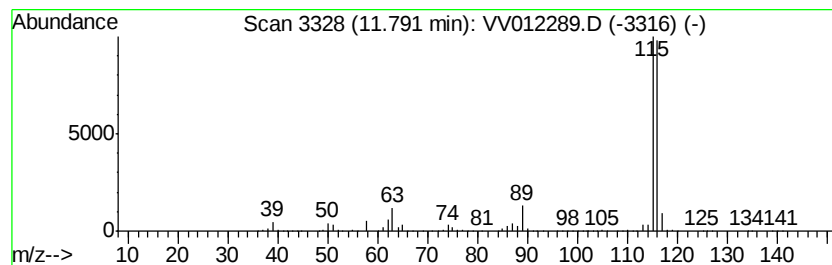
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Peak Number 3 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	0.91 ug/L	4105460	1,4-Dichlorobenzene-d4	11.29

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	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
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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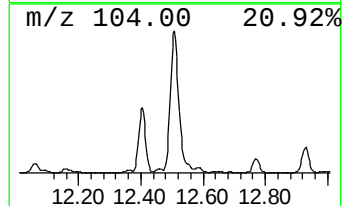
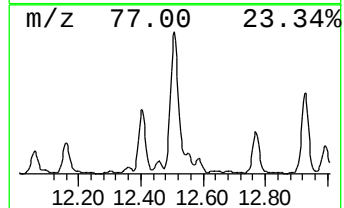
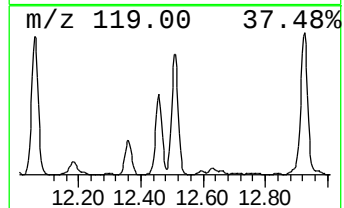
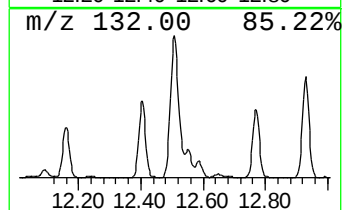
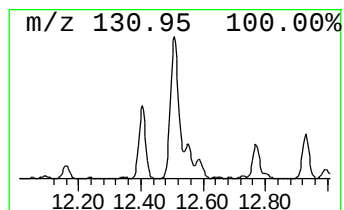
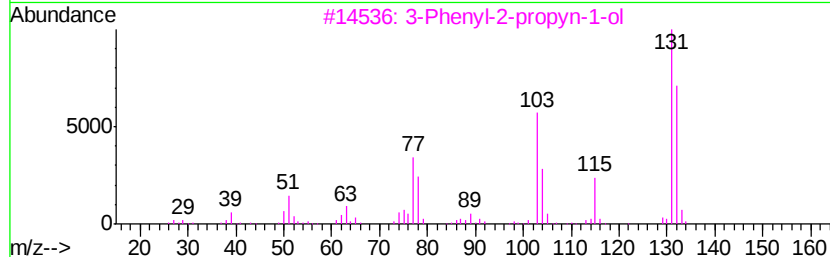
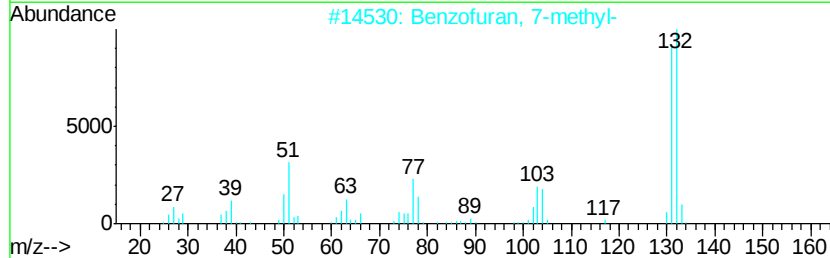
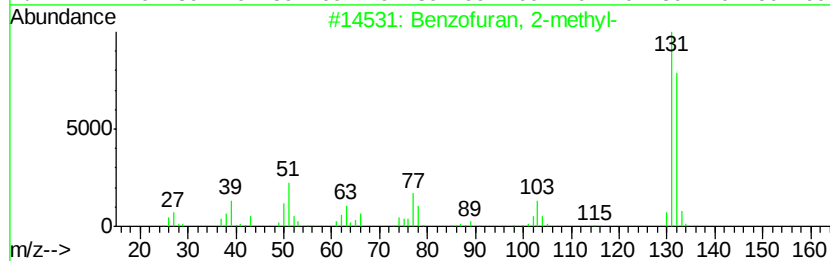
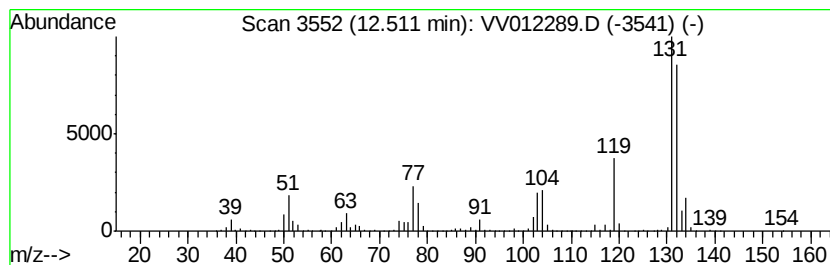
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Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	0.52 ug/L	2339860	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2		Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	86
3		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	81
4		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
5		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	81



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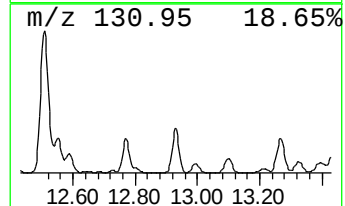
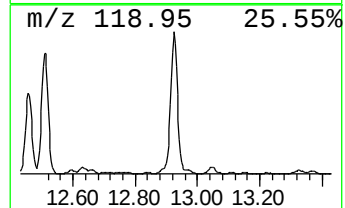
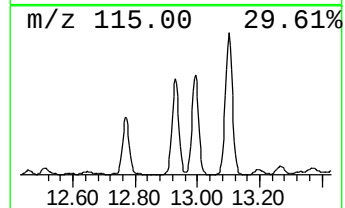
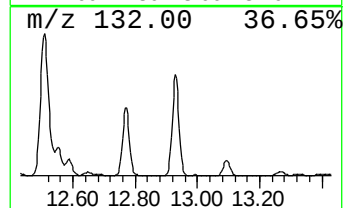
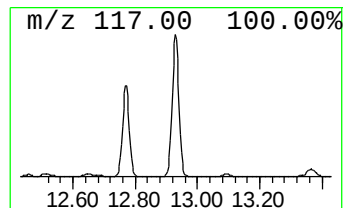
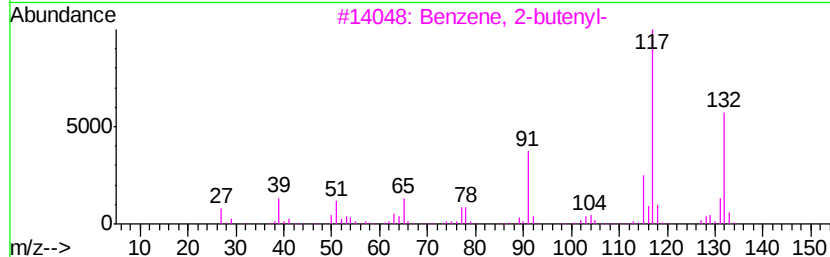
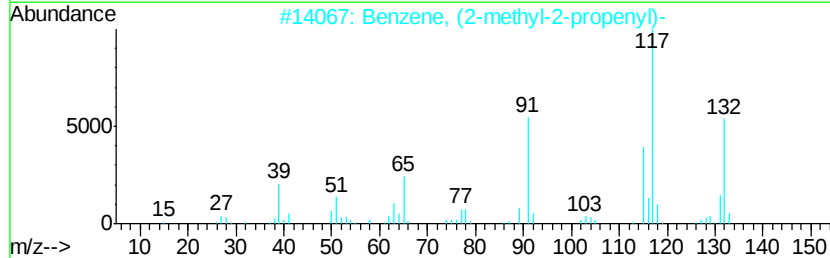
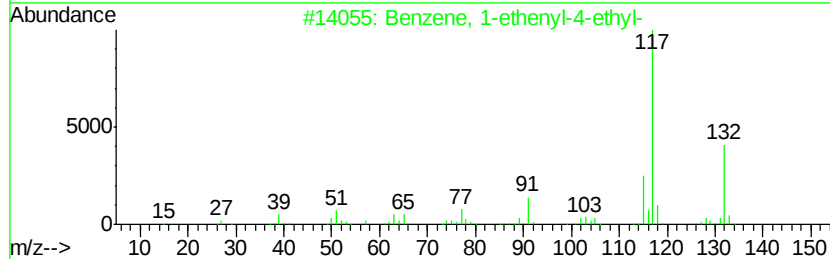
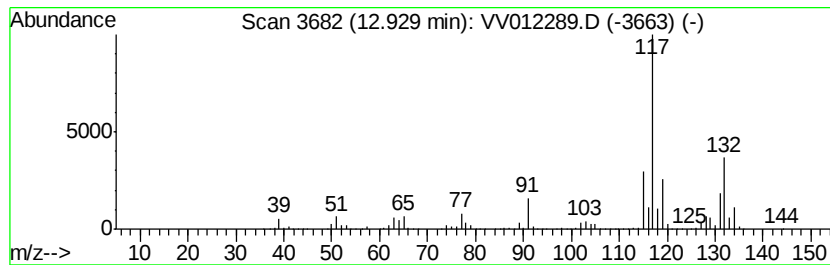
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.93	0.64 ug/L	2873190	1,4-Dichlorobenzene-d4	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83



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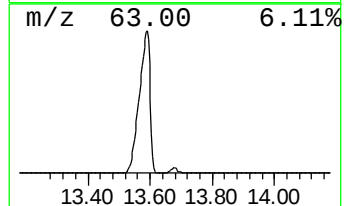
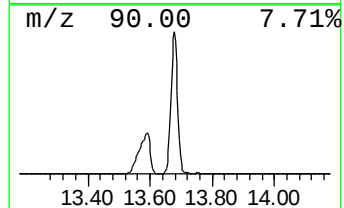
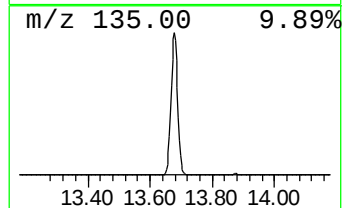
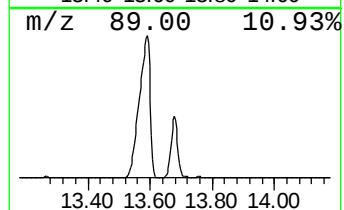
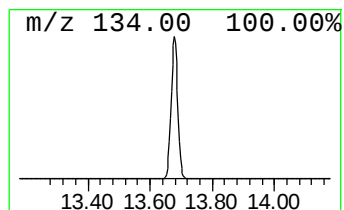
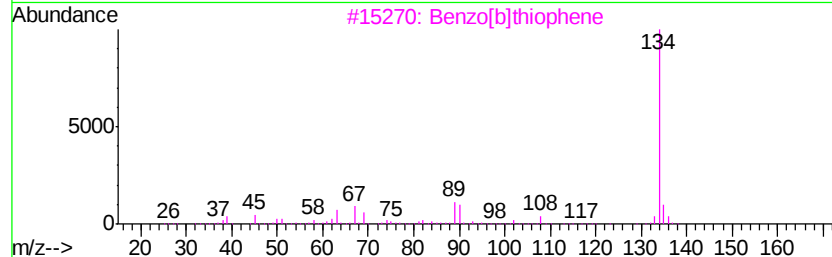
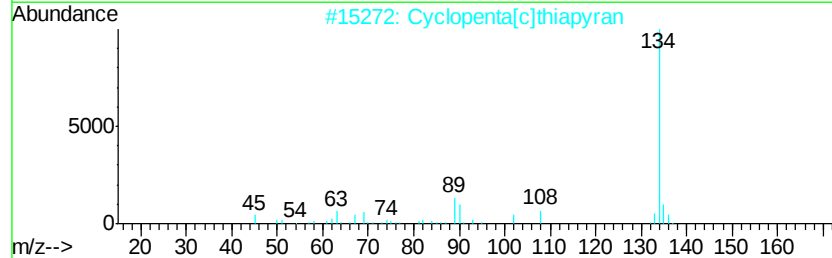
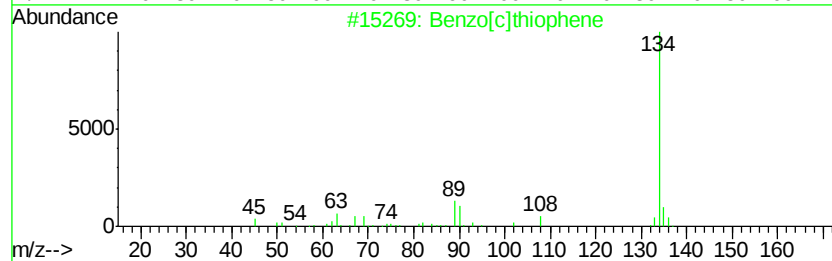
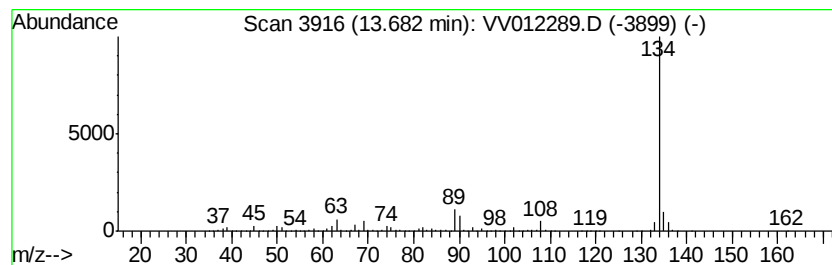
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	1.02 ug/L	4604020	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
3		Benzo[b]thiophene	134	C8H6S	000095-15-8	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\VV081919\
Data File : VV012289.D
Acq On : 19 Aug 2019 20:51
Operator : SY/MD
Sample : K4395-04
Misc : 25mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

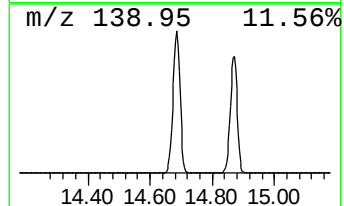
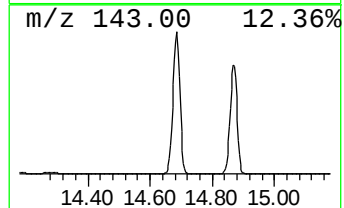
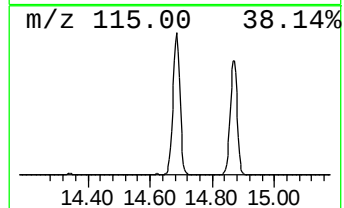
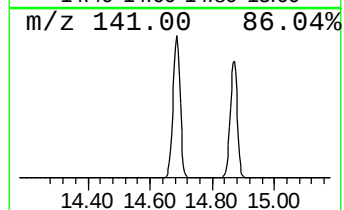
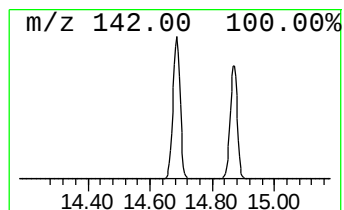
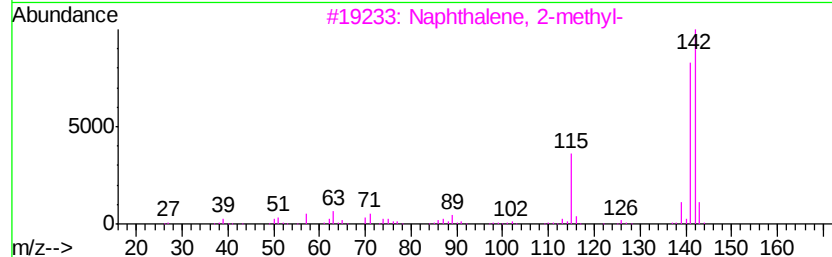
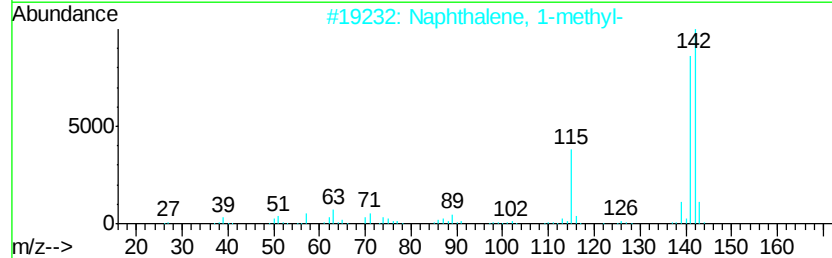
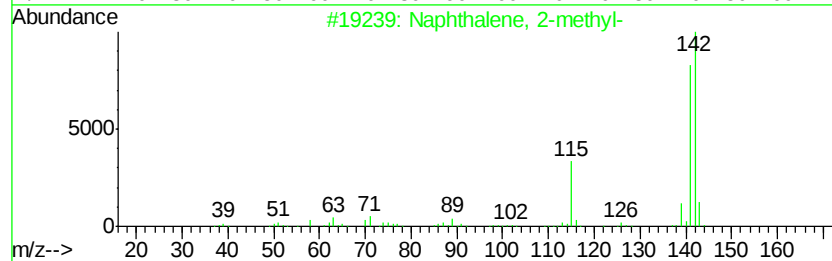
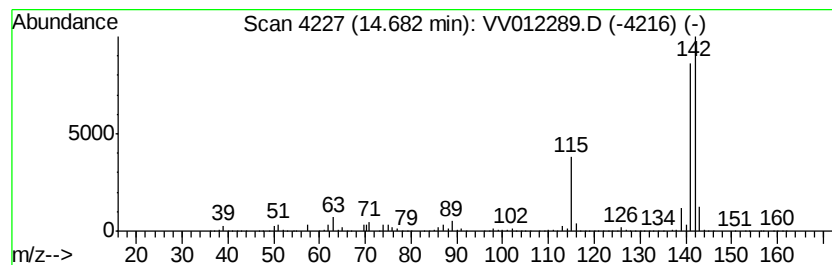
Instrument :
MSVOA_V
ClientSampleId :
C0AE2

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 8 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	5.53 ug/L	24891200	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		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		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
5		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012289.D
Acq On : 19 Aug 2019 20:51
Operator : SY/MD
Sample : K4395-04
Misc : 25mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE2

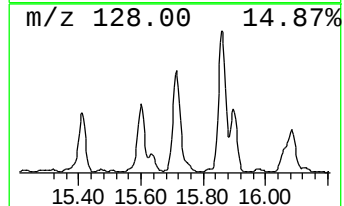
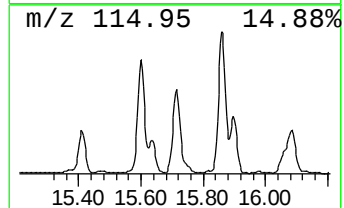
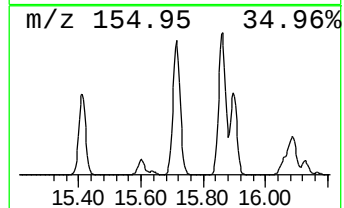
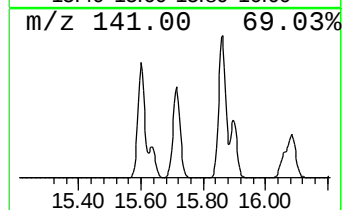
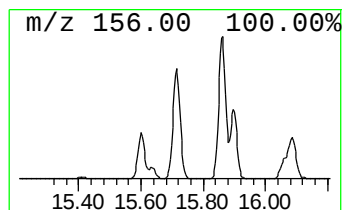
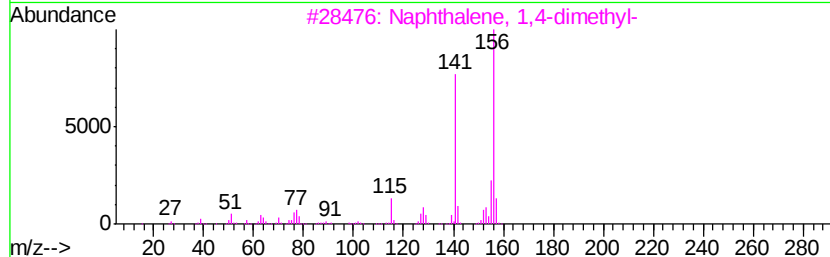
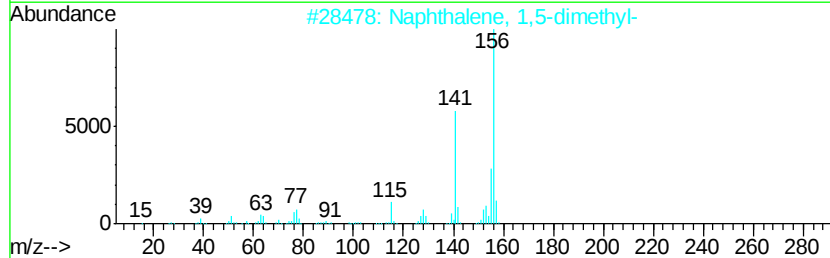
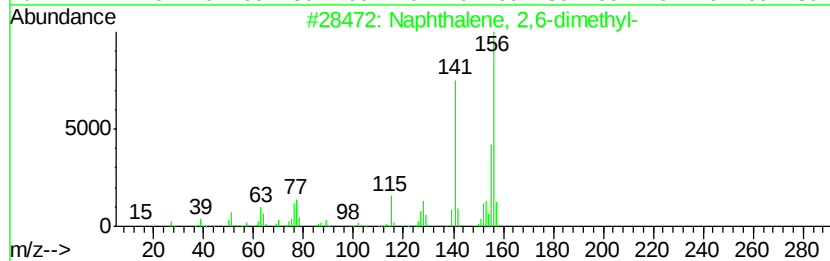
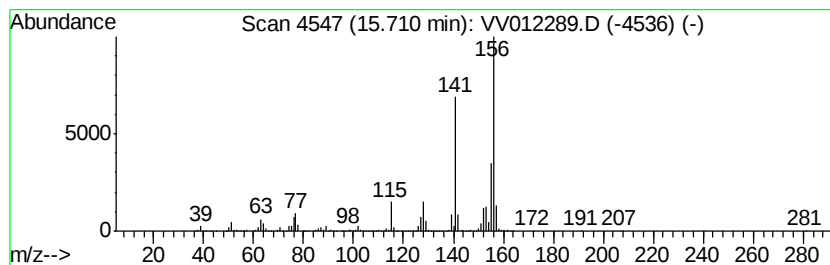
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	0.66 ug/L	2975750	1,4-Dichlorobenzene-d4	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012289.D
Acq On : 19 Aug 2019 20:51
Operator : SY/MD
Sample : K4395-04
Misc : 25mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

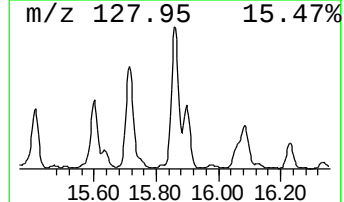
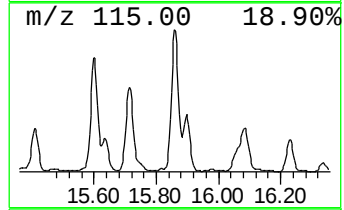
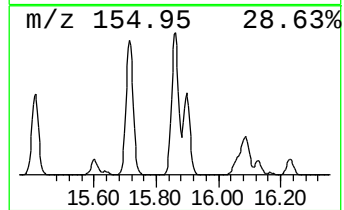
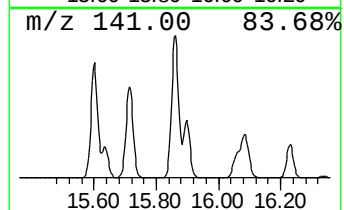
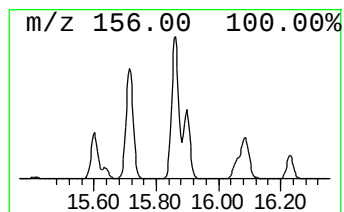
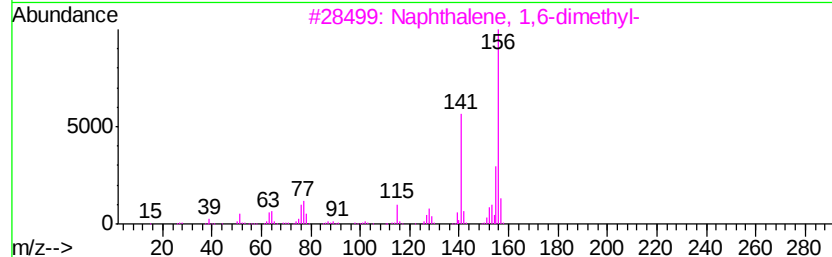
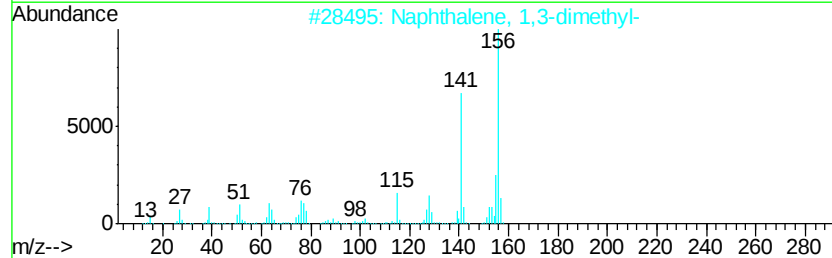
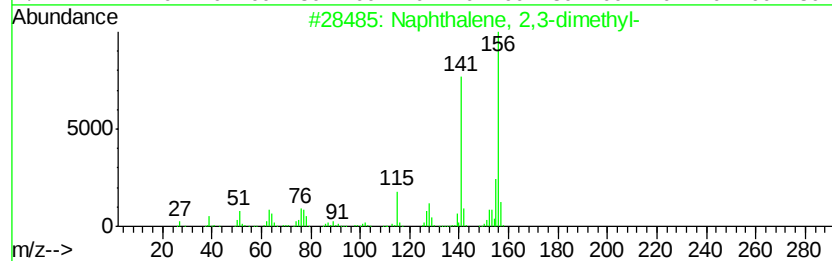
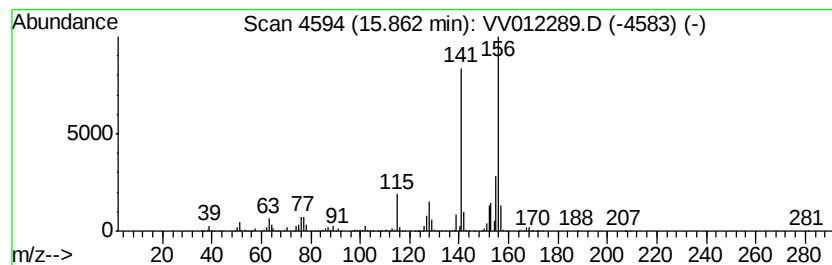
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.86	0.80 ug/L	3612260	1,4-Dichlorobenzene-d4	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012289.D
Acq On : 19 Aug 2019 20:51
Operator : SY/MD
Sample : K4395-04
Misc : 25mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE2

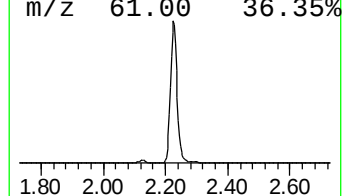
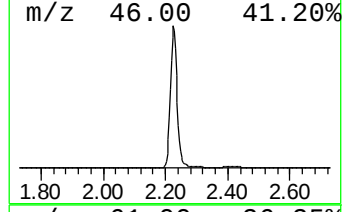
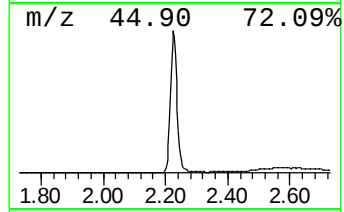
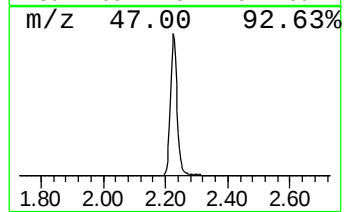
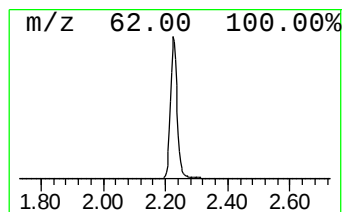
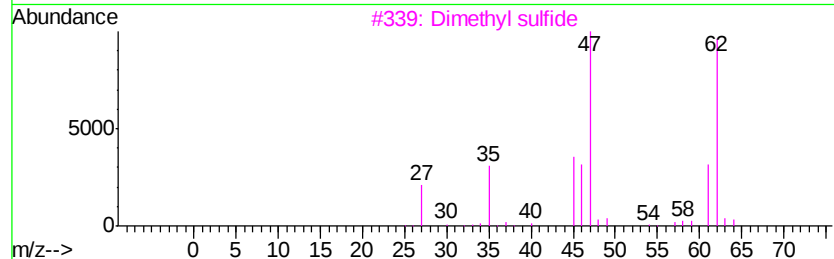
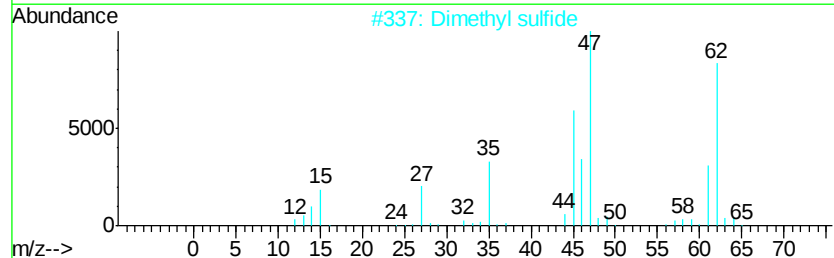
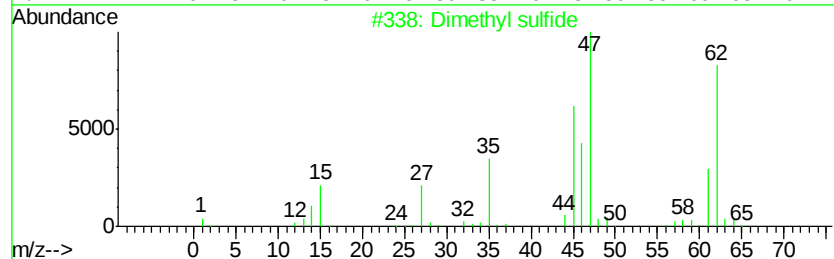
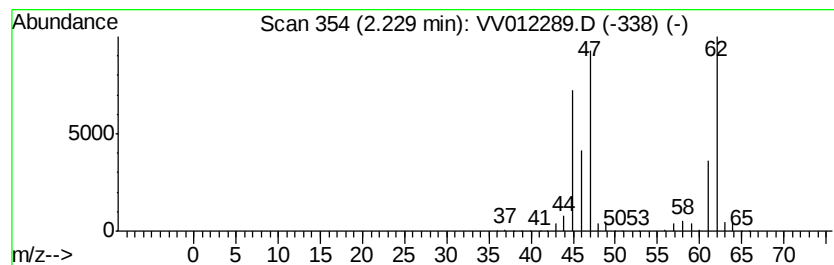
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 15 Dimethyl sulfide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	5.97 ug/L	2944470	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2		Dimethyl sulfide	62	C2H6S	000075-18-3	94
3		Dimethyl sulfide	62	C2H6S	000075-18-3	91
4		Dimethyl sulfide	62	C2H6S	000075-18-3	91
5		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	83



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012289.D
Acq On : 19 Aug 2019 20:51
Operator : SY/MD
Sample : K4395-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE2

Quant Method : Z:\VOASRV\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
Methanethiol	1.48	3.7	ug/L	1806850	1	5.66	2465590	5.0
Indane	11.58	5.0	ug/L	22490200	3	11.29	22490200	5.0
Indene	11.79	0.9	ug/L	4105460	3	11.29	22490200	5.0
Benzofuran, 2-met...	12.51	0.5	ug/L	2339860	3	11.29	22490200	5.0
Benzene, 1-etheny...	12.93	0.6	ug/L	2873190	3	11.29	22490200	5.0
Benzo[c]thiophene	13.68	1.0	ug/L	4604020	3	11.29	22490200	5.0
Naphthalene, 1-me...	14.68	5.5	ug/L	24891200	3	11.29	22490200	5.0
Naphthalene, 2,6-...	15.71	0.7	ug/L	2975750	3	11.29	22490200	5.0
Naphthalene, 2,3-...	15.86	0.8	ug/L	3612260	3	11.29	22490200	5.0
Dimethyl sulfide	2.23	6.0	ug/L	2944470	1	5.66	2465590	5.0