

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082019\
 Data File : VV012307.D
 Acq On : 20 Aug 2019 12:34
 Operator : SY/MD
 Sample : K4395-04DL 4X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE2DL

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\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	373	rBV	481599	770453	1.76%	1.144%
2	9.052	2461	2476	2492	rBV	374625	576835	1.32%	0.857%
3	9.177	2500	2515	2531	rVB	315073	506786	1.16%	0.752%
4	10.955	3053	3068	3082	rBV	335189	501492	1.15%	0.745%
5	11.289	3162	3172	3189	rVB2	296481	472456	1.08%	0.702%
6	11.572	3245	3260	3280	rBV	3477093	5420685	12.39%	8.049%
7	11.788	3316	3327	3339	rBV	592025	903565	2.06%	1.342%
8	12.508	3541	3551	3561	rBV	287898	498783	1.14%	0.741%
9	12.926	3663	3681	3692	rBV2	413556	647019	1.48%	0.961%
10	13.559	3859	3878	3897	rBV2	25234103	43761696	100.00%	64.979%
11	13.669	3898	3912	3922	rBV	697795	1076561	2.46%	1.599%
12	14.678	4215	4226	4252	rVB	3194110	4883796	11.16%	7.252%
13	14.865	4271	4284	4297	rBV	2537775	3939255	9.00%	5.849%
14	15.411	4432	4454	4465	rBV	302444	474761	1.08%	0.705%
15	15.714	4537	4548	4572	rVB	272469	483910	1.11%	0.719%
16	15.858	4583	4593	4600	rBV	385326	601187	1.37%	0.893%
17	16.534	4785	4803	4821	rBV	1148265	1828117	4.18%	2.714%

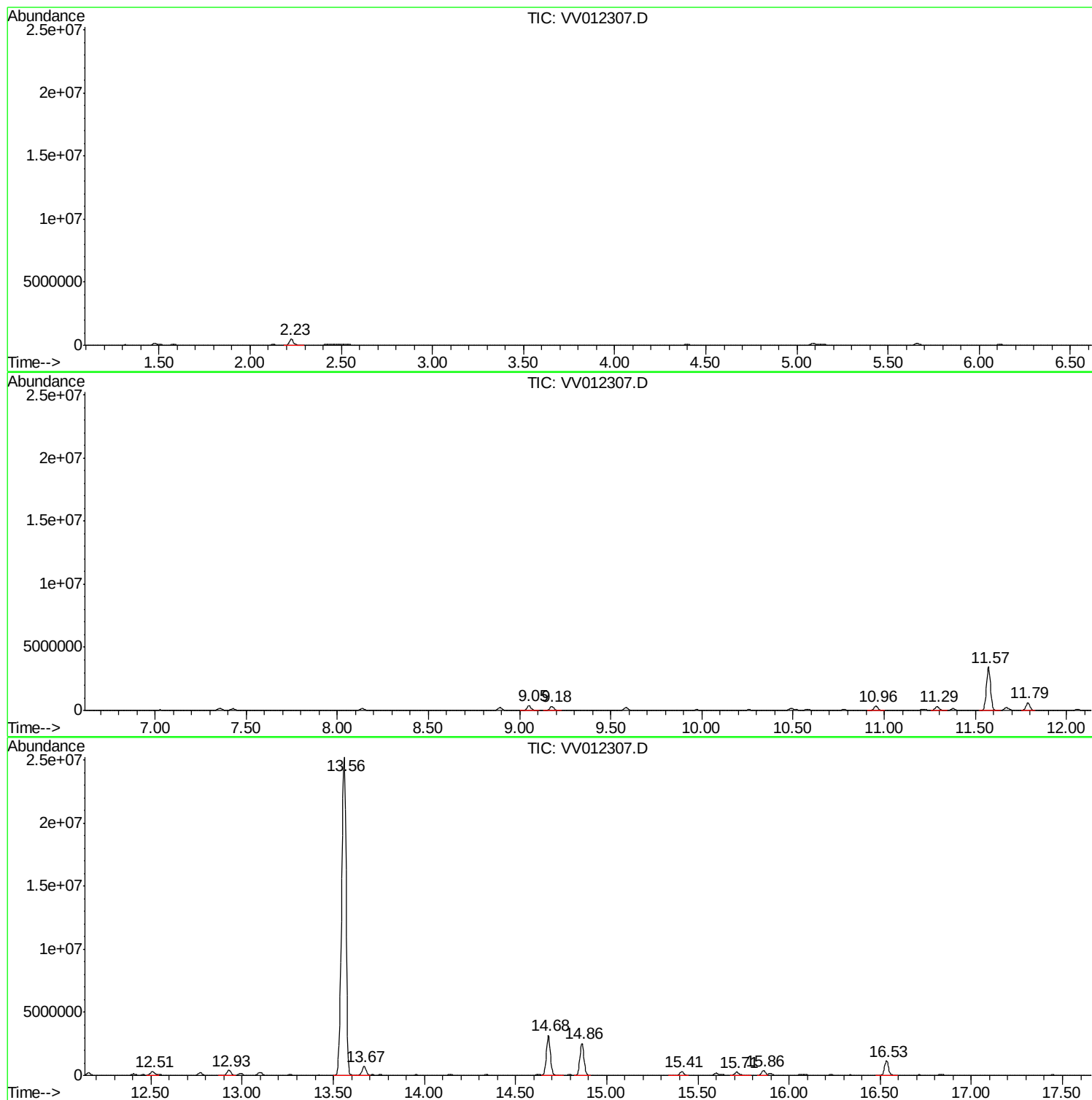
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ClientSampleId :
C0AE2DL

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



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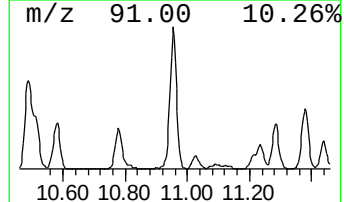
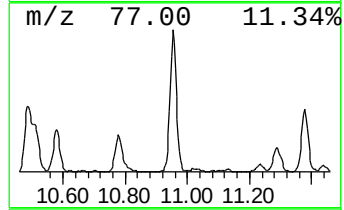
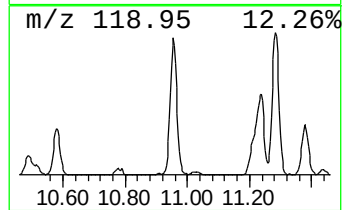
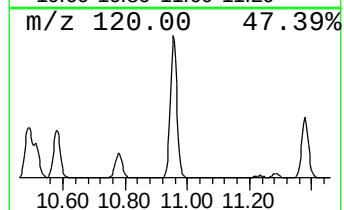
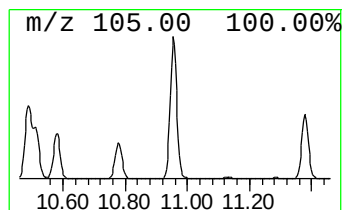
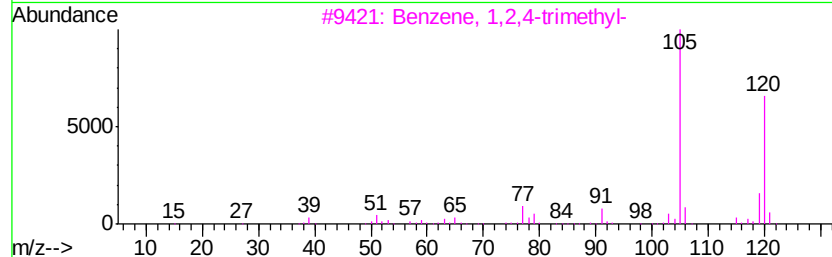
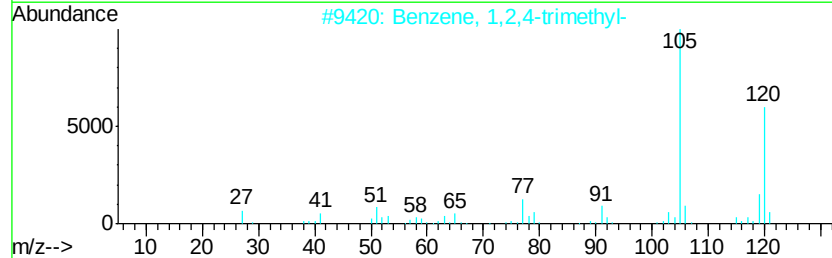
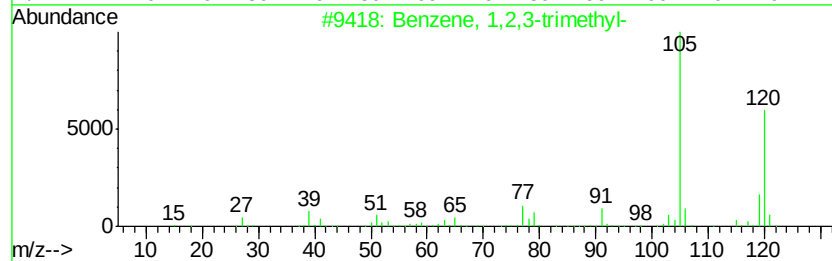
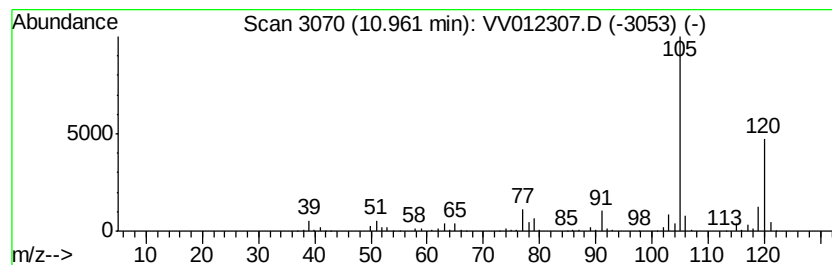
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	5.31 ug/L	501492	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		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5		Mesitylene	120	C9H12	000108-67-8	91



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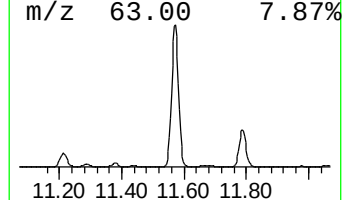
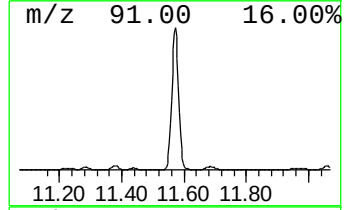
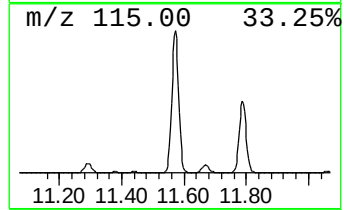
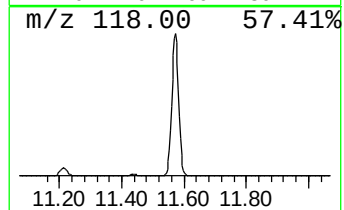
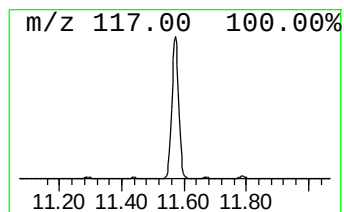
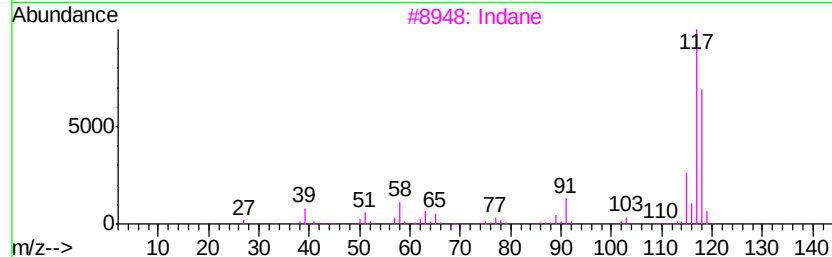
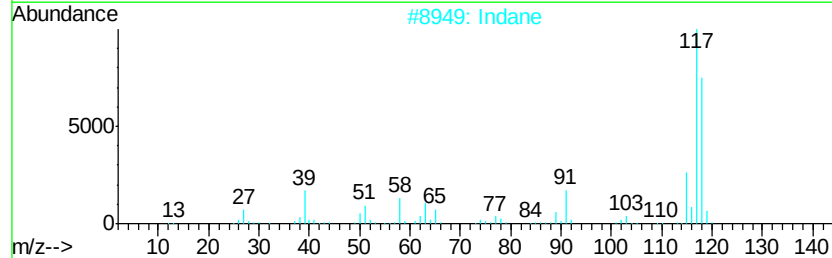
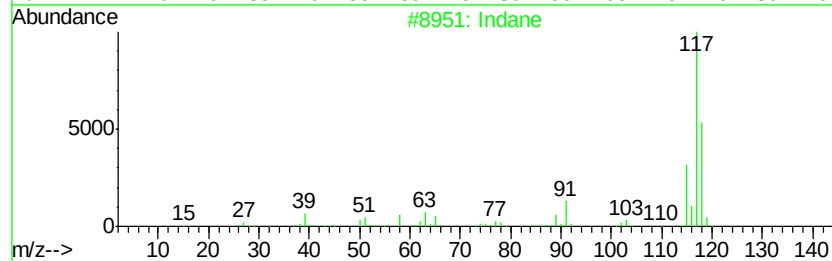
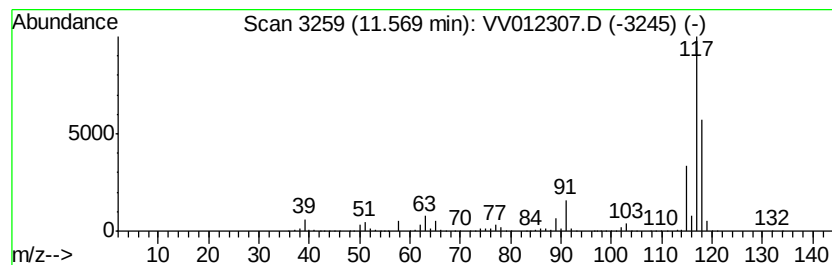
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Quant Title : TRACE VOA SOM01.0

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	57.37 ug/L	5420690	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	93
2		Indane	118	C9H10	000496-11-7	91
3		Indane	118	C9H10	000496-11-7	87
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5		Deltacyclene	118	C9H10	007785-10-6	72



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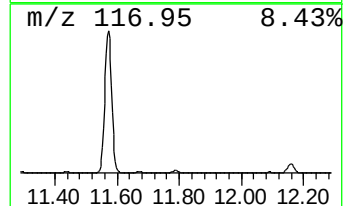
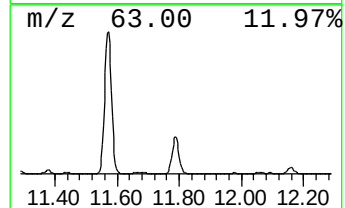
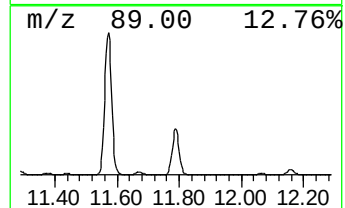
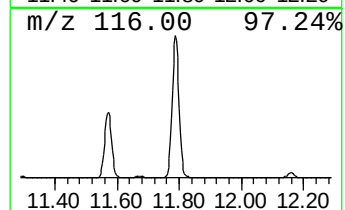
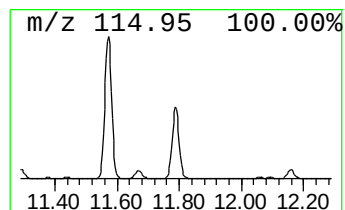
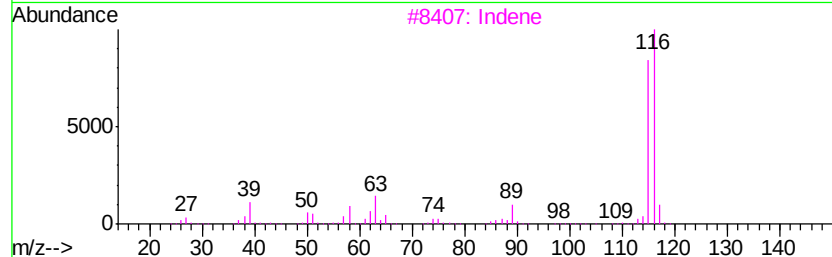
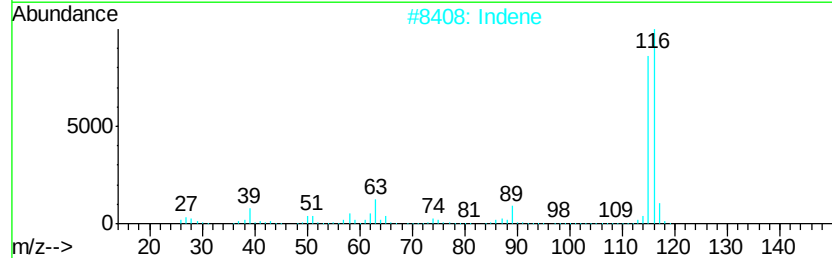
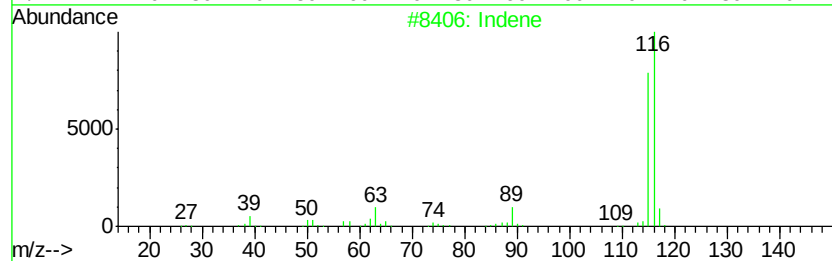
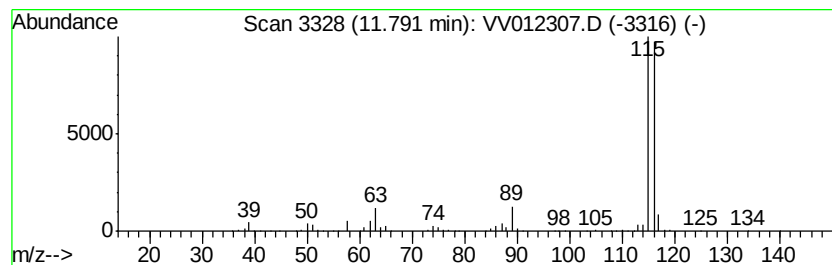
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Peak Number 3 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	9.56 ug/L	903565	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	95
3	Indene		116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene		116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91



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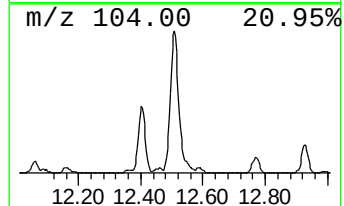
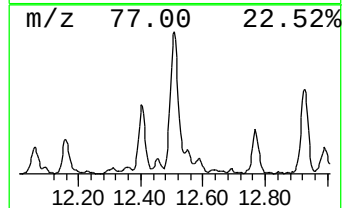
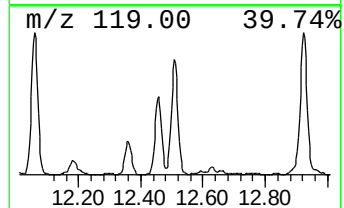
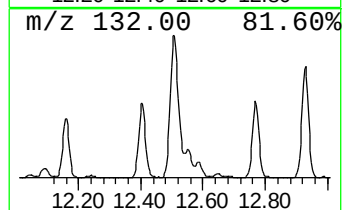
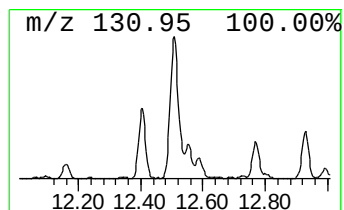
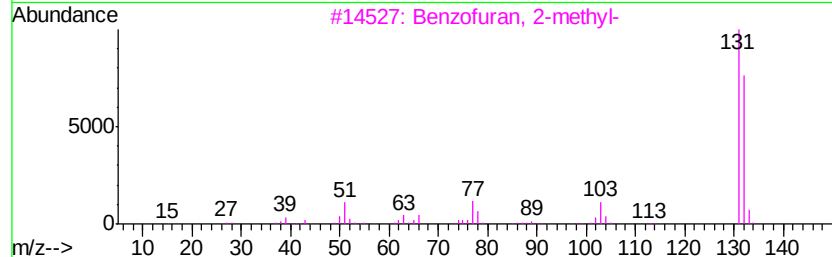
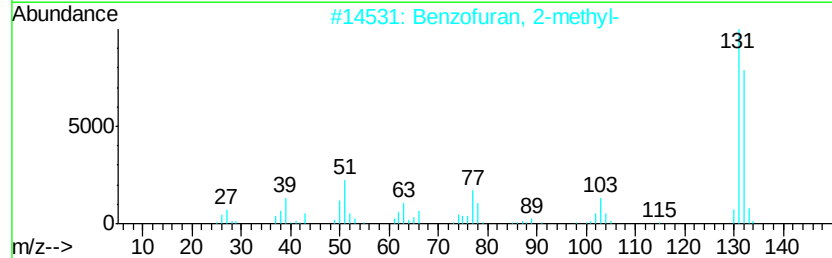
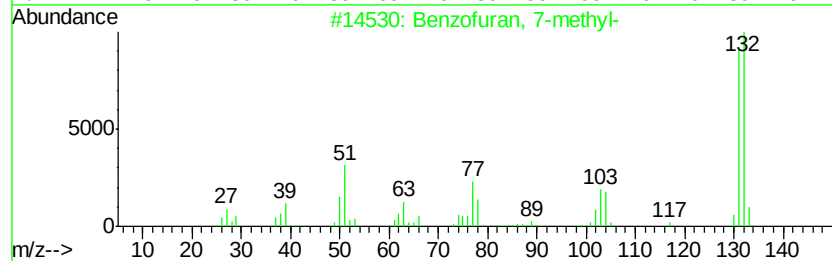
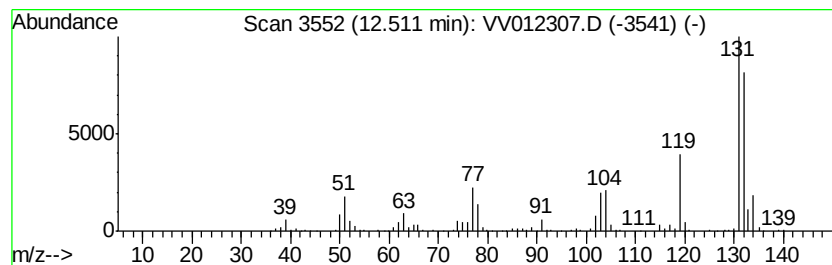
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Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	5.28 ug/L	498783	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzofuran, 7-methyl-	132 C9H8O	017059-52-8 90
2		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 89
3		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 89
4		3-Phenyl-2-propyn-1-ol	132 C9H8O	001504-58-1 76
5		2-Propenal, 3-phenyl-	132 C9H8O	000104-55-2 76



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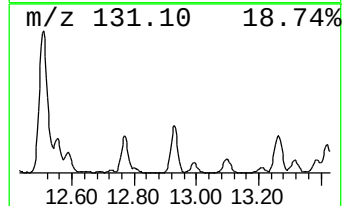
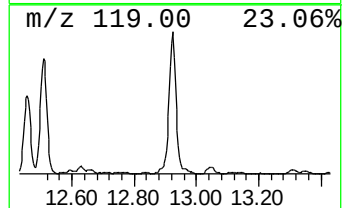
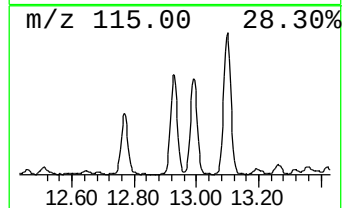
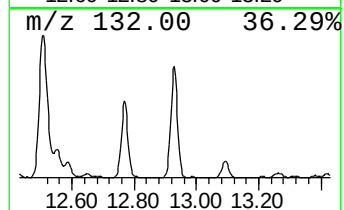
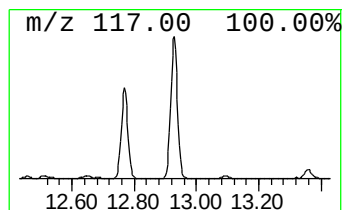
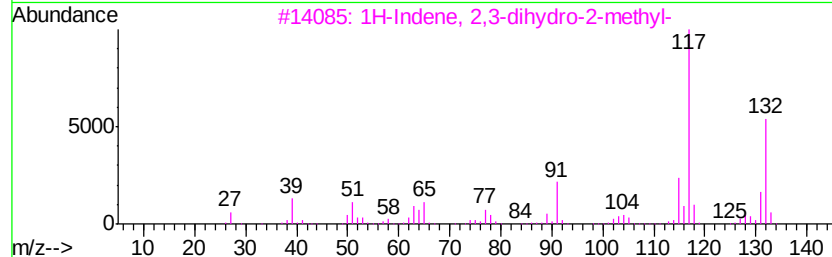
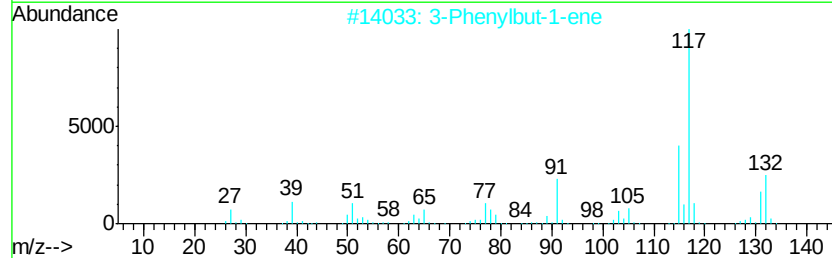
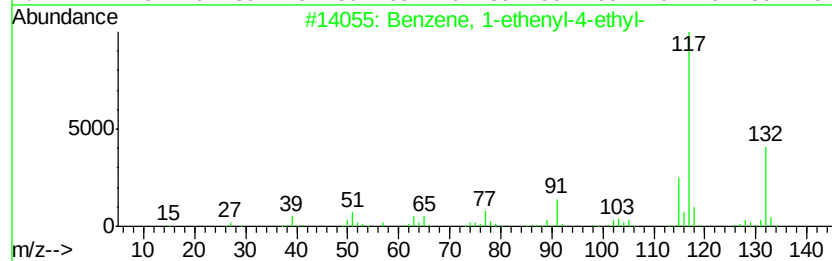
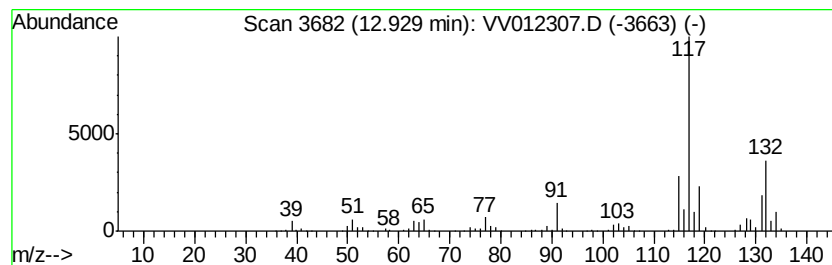
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Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.93	6.85 ug/L	647019	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	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81



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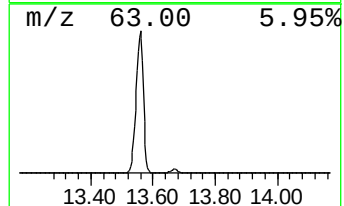
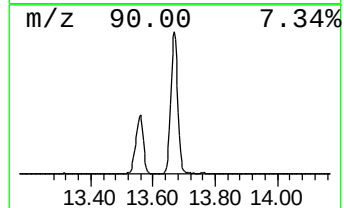
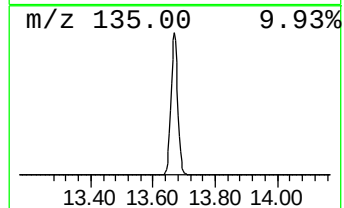
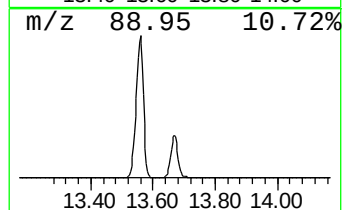
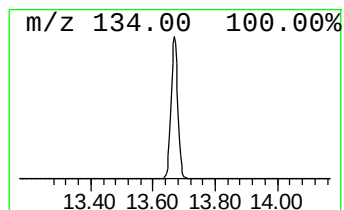
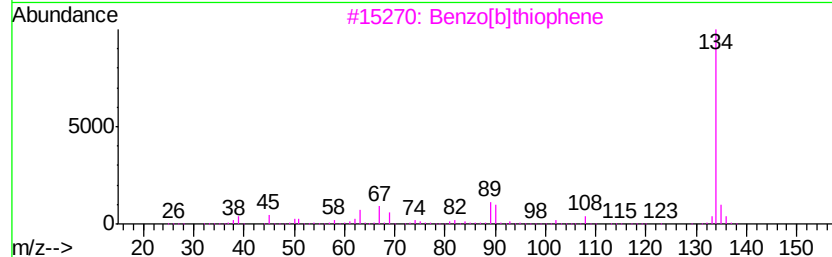
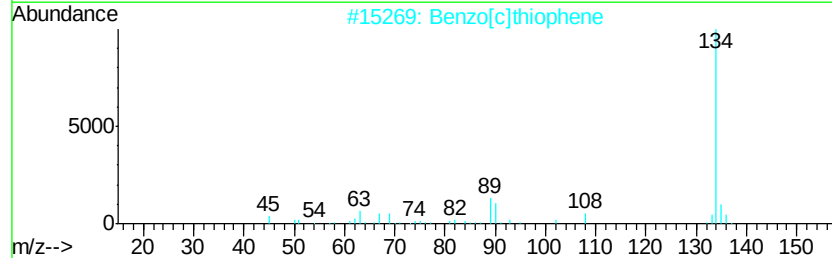
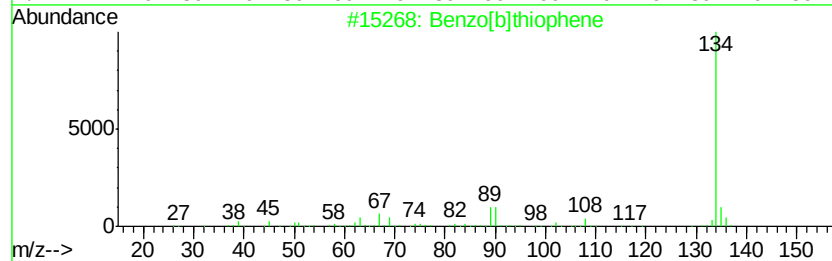
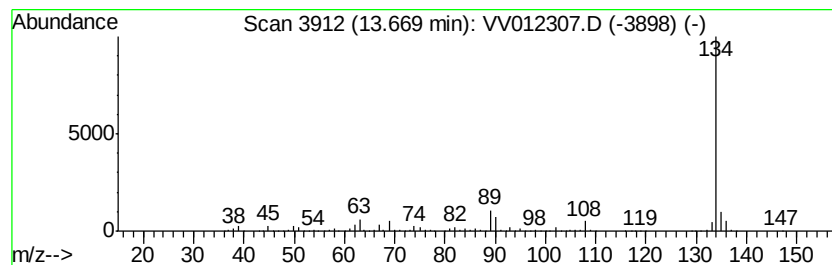
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Quant Title : TRACE VOA SOM01.0

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	11.39 ug/L	1076560	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
2		Benzo[c]thiophene	134	C8H6S	000270-82-6	91
3		Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082019\
Data File : VV012307.D
Acq On : 20 Aug 2019 12:34
Operator : SY/MD
Sample : K4395-04DL 4X
Misc : 25mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

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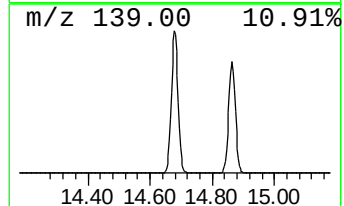
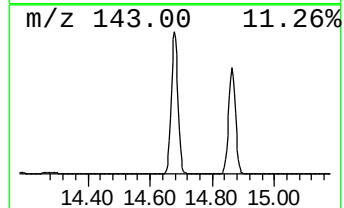
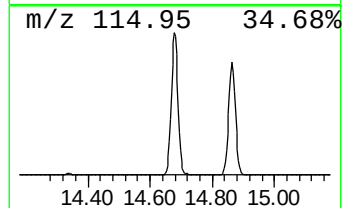
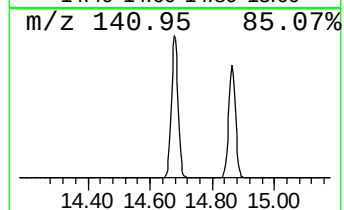
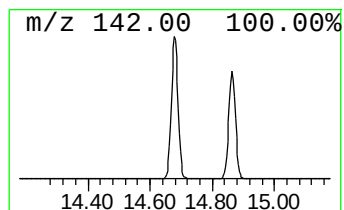
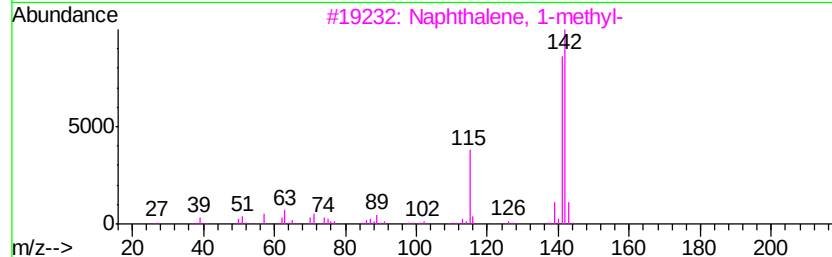
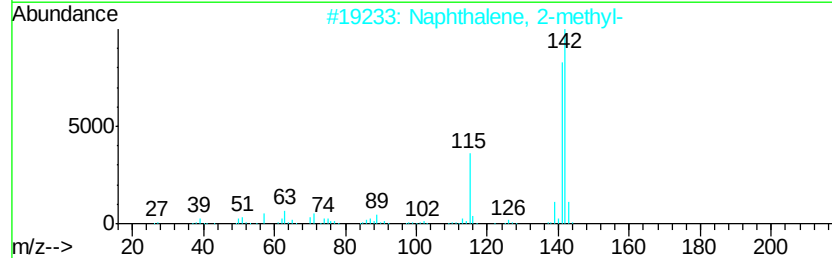
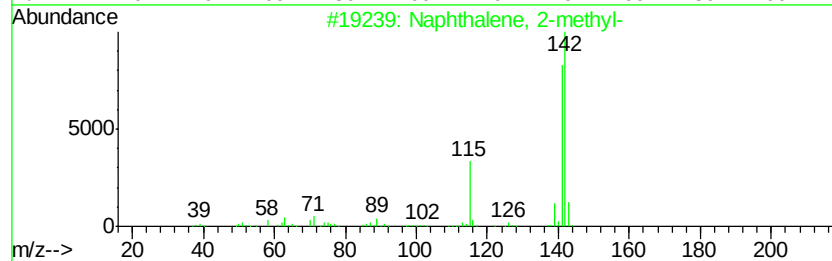
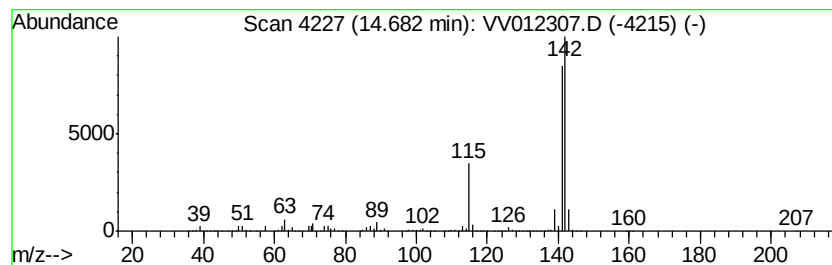
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	51.69 ug/L	4883800	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 : VV012307.D
Acq On : 20 Aug 2019 12:34
Operator : SY/MD
Sample : K4395-04DL 4X
Misc : 25mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

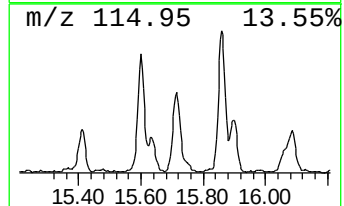
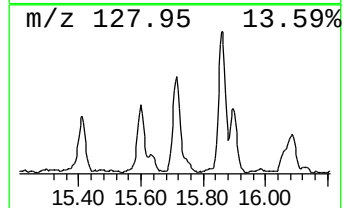
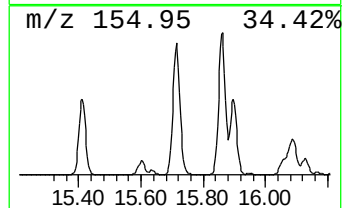
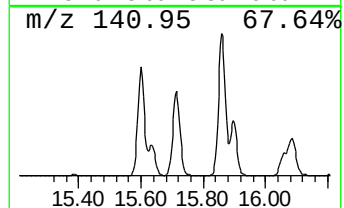
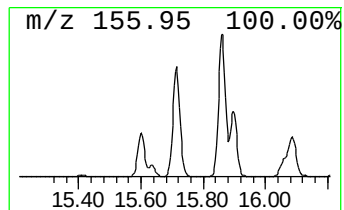
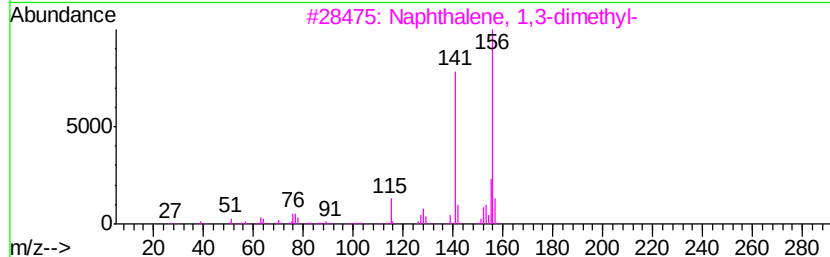
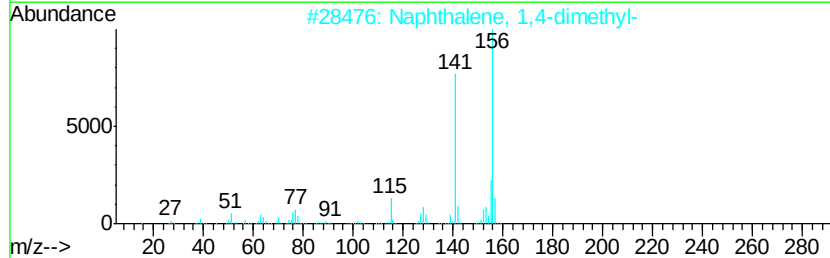
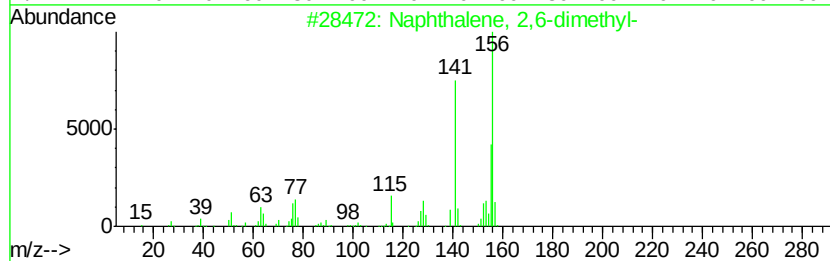
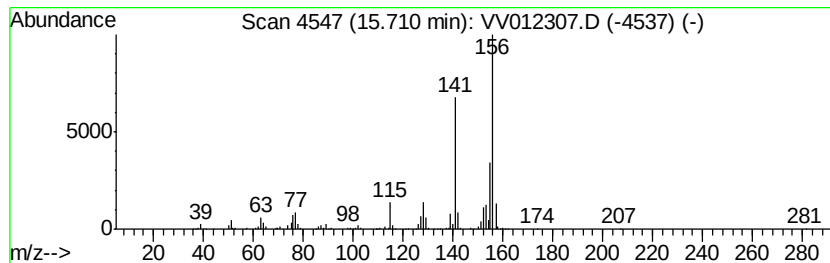
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	5.12 ug/L	483910	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, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082019\
Data File : VV012307.D
Acq On : 20 Aug 2019 12:34
Operator : SY/MD
Sample : K4395-04DL 4X
Misc : 25mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

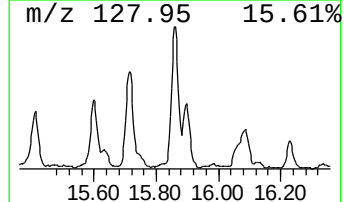
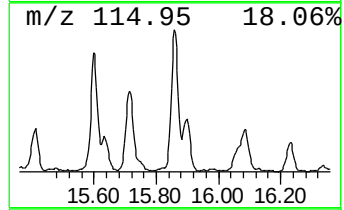
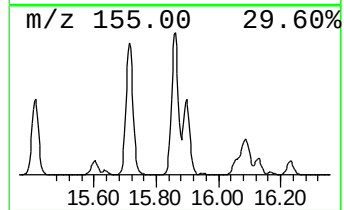
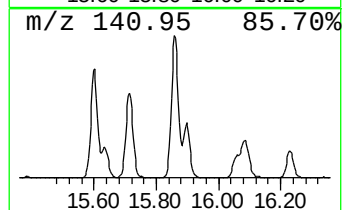
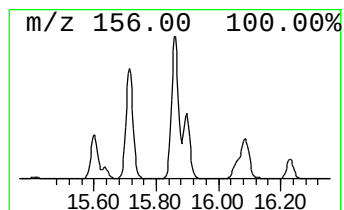
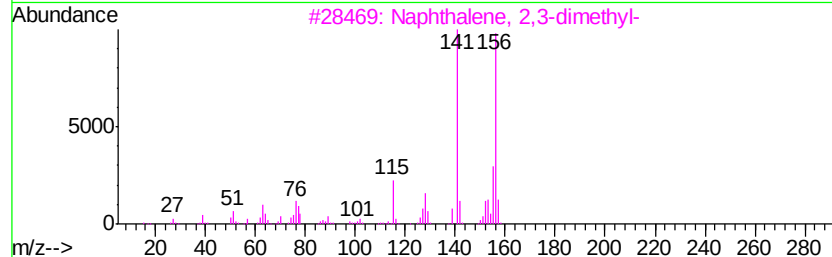
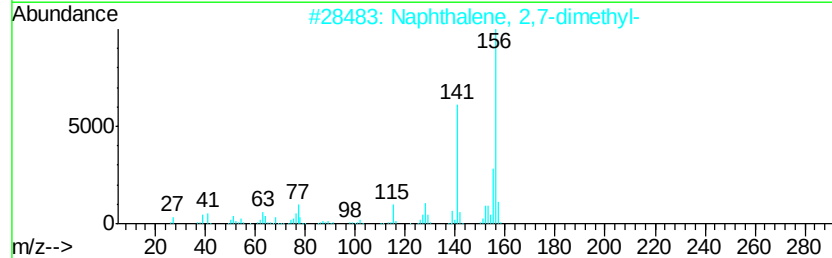
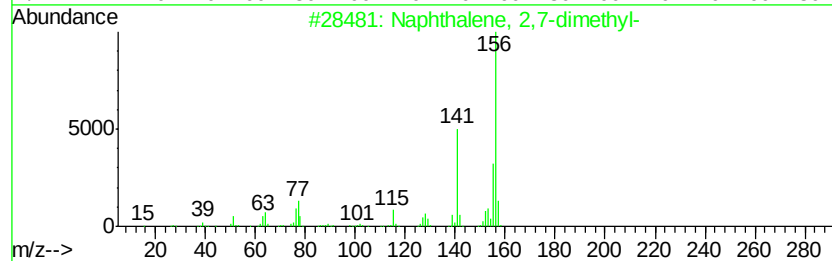
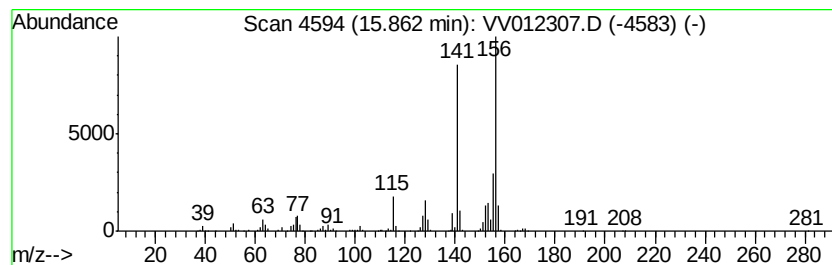
Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

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, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	6.36 ug/L	601187	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV082019\
Data File : VV012307.D
Acq On : 20 Aug 2019 12:34
Operator : SY/MD
Sample : K4395-04DL 4X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 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...	10.96	5.3	ug/L	501492	3	11.29	472456	5.0
Indane	11.57	57.4	ug/L	5420690	3	11.29	472456	5.0
Indene	11.79	9.6	ug/L	903565	3	11.29	472456	5.0
Benzofuran, 7-met...	12.51	5.3	ug/L	498783	3	11.29	472456	5.0
Benzene, 1-etheny...	12.93	6.8	ug/L	647019	3	11.29	472456	5.0
Benzo[b]thiophene	13.67	11.4	ug/L	1076560	3	11.29	472456	5.0
Naphthalene, 1-me...	14.68	51.7	ug/L	4883800	3	11.29	472456	5.0
Naphthalene, 2,6-...	15.71	5.1	ug/L	483910	3	11.29	472456	5.0
Naphthalene, 2,7-...	15.86	6.4	ug/L	601187	3	11.29	472456	5.0