

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012300.D
 Acq On : 20 Aug 2019 01:54
 Operator : SY/MD
 Sample : K4373-19
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF8

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	5.145	1248	1261	1288	rVB	5868782	12703828	5.67%	1.792%
2	7.431	1959	1972	1994	rVB	9692357	16415358	7.32%	2.315%
3	9.055	2462	2477	2498	rBV	15222375	24115128	10.76%	3.401%
4	9.180	2499	2516	2543	rVB	13731903	22226383	9.92%	3.135%
5	9.585	2631	2642	2667	rVB	7321337	11541397	5.15%	1.628%
6	9.974	2750	2763	2784	rBV	4435843	6870549	3.07%	0.969%
7	10.489	2910	2923	2929	rBV	4307099	7270481	3.24%	1.026%
8	10.582	2941	2952	2965	rVB	3417534	5121275	2.29%	0.722%
9	10.778	3002	3013	3037	rVB	1421309	2461567	1.10%	0.347%
10	10.958	3040	3069	3081	rBV	8558941	13006637	5.80%	1.835%
11	11.212	3135	3148	3163	rBV2	3779557	6662113	2.97%	0.940%
12	11.382	3188	3201	3212	rVV	3584239	5436242	2.43%	0.767%
13	11.588	3247	3265	3282	rBV3	63253042	120091734	53.59%	16.939%
14	11.682	3282	3294	3307	rVB3	2248014	4003105	1.79%	0.565%
15	11.791	3317	3328	3340	rVB	5480373	8238309	3.68%	1.162%
16	12.061	3400	3412	3419	rBV	1679453	2634061	1.18%	0.372%
17	12.161	3433	3443	3461	rBV	3448808	5279848	2.36%	0.745%
18	12.405	3510	3519	3528	rBV	2419467	3513196	1.57%	0.496%
19	12.511	3542	3552	3562	rBV2	6245780	10783286	4.81%	1.521%
20	12.772	3616	3633	3649	rVB	4771698	7196387	3.21%	1.015%
21	12.929	3663	3682	3693	rBV2	6129666	9770718	4.36%	1.378%
22	12.993	3693	3702	3715	rVB	3614911	5771401	2.58%	0.814%
23	13.099	3723	3735	3749	rVB2	5819189	9321447	4.16%	1.315%
24	13.601	3860	3891	3901	rBV2	76020123	224111769	100.00%	31.612%
25	13.685	3901	3917	3934	rVV	6640035	10853335	4.84%	1.531%
26	14.688	4217	4229	4254	rVV	18931777	30893666	13.78%	4.358%
27	14.881	4273	4289	4316	rVB	29871800	53003248	23.65%	7.476%
28	15.411	4431	4454	4466	rBV	5831026	9086493	4.05%	1.282%
29	15.601	4494	4513	4520	rBV	1853230	3253974	1.45%	0.459%
30	15.717	4536	4549	4571	rVB	5190454	9156468	4.09%	1.292%
31	15.861	4583	4594	4601	rBV	6093856	9682755	4.32%	1.366%
32	15.900	4601	4606	4620	rVB	3244417	4605053	2.05%	0.650%
33	16.086	4644	4664	4675	rBV	1552226	3628449	1.62%	0.512%
34	16.543	4783	4806	4825	rBV	15892875	25883718	11.55%	3.651%

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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

35	16.836	4884	4897	4916	rVB	2732682	4362920	1.95%	0.615%
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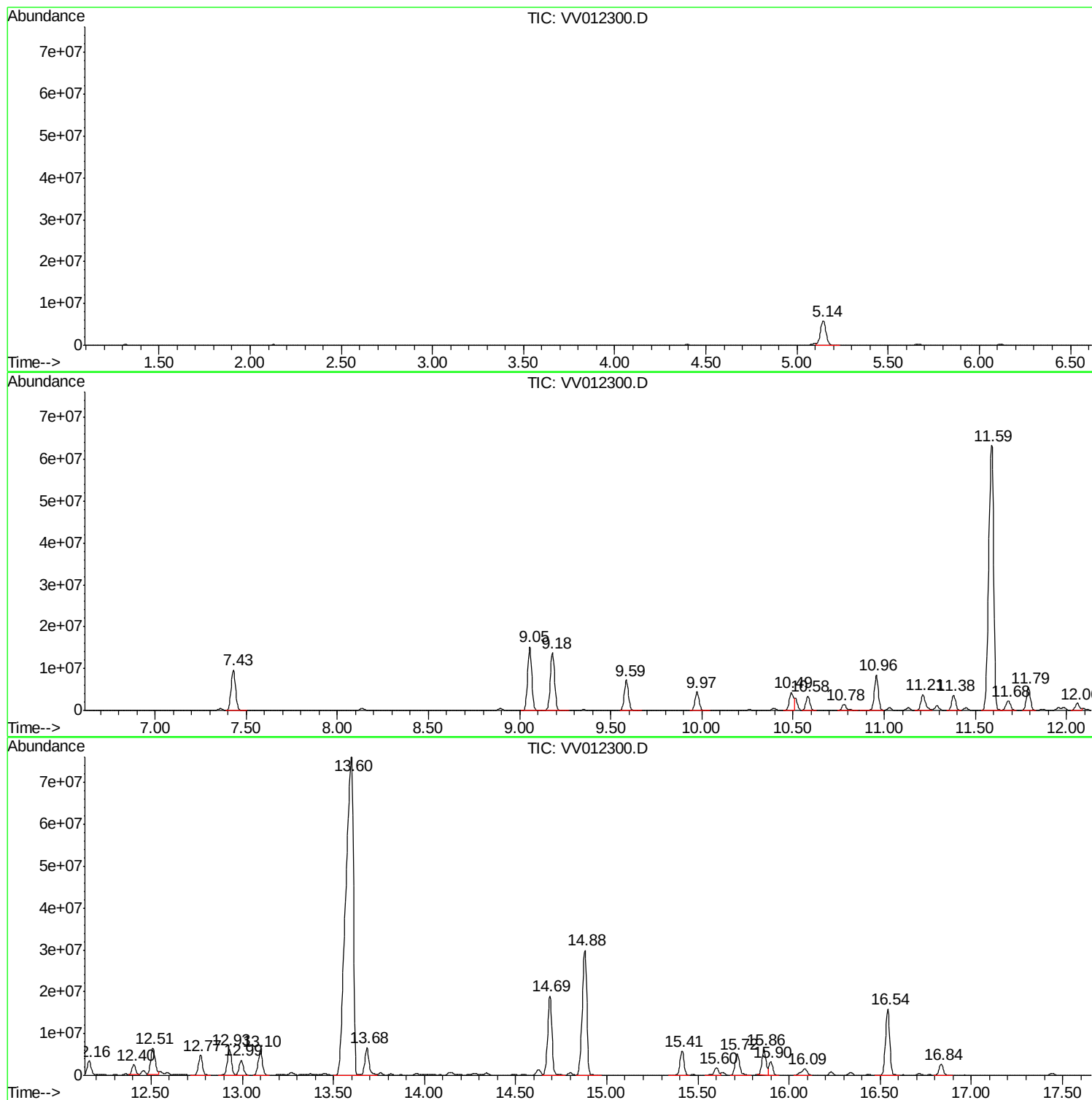
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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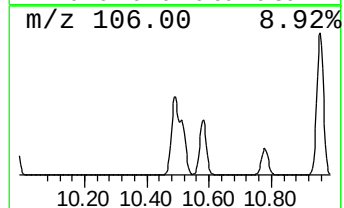
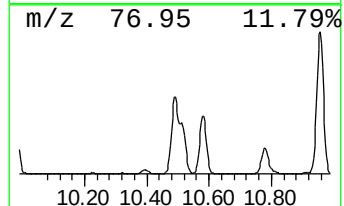
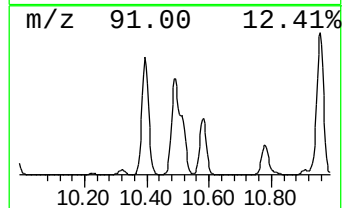
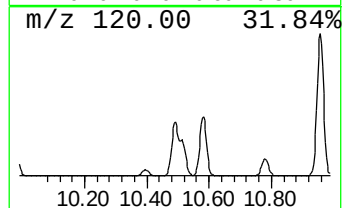
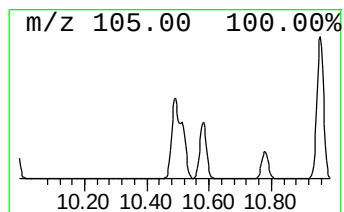
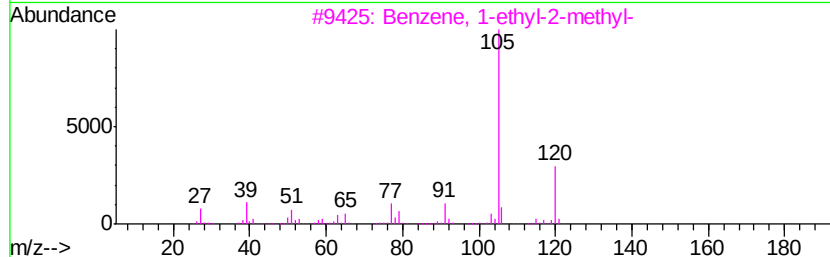
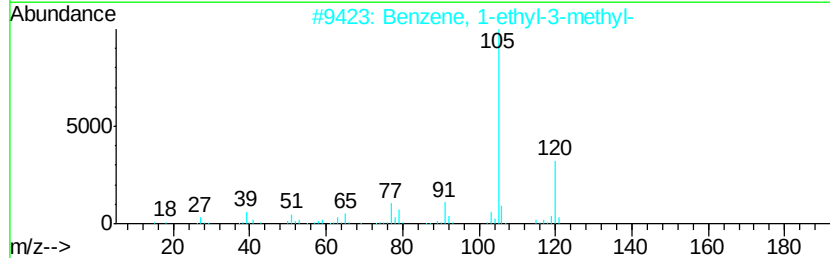
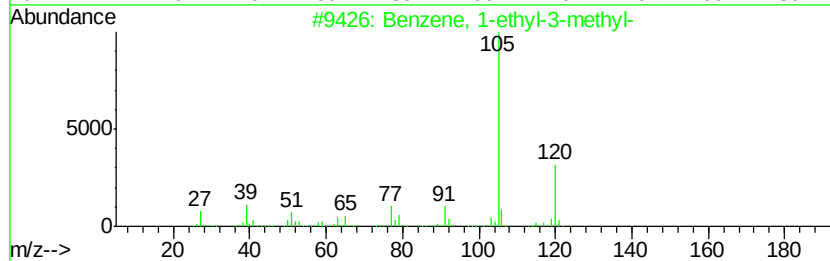
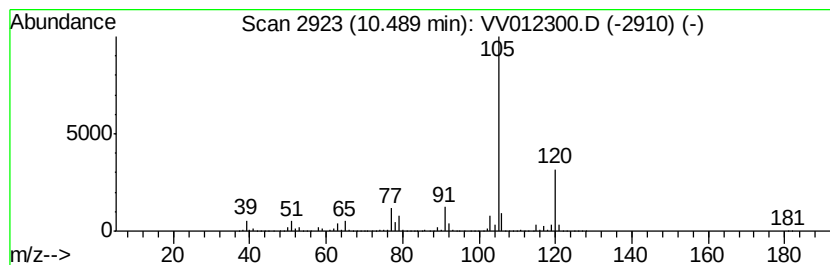
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	5.46 ug/L	7270480	1,4-Dichlorobenzene-d4	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

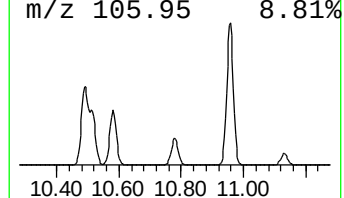
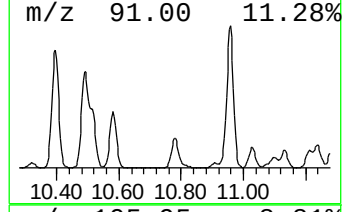
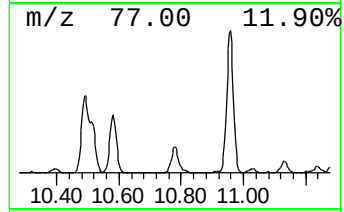
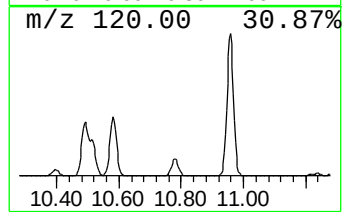
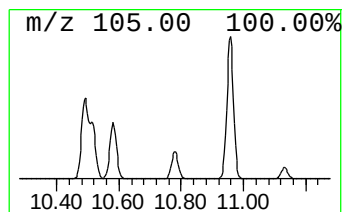
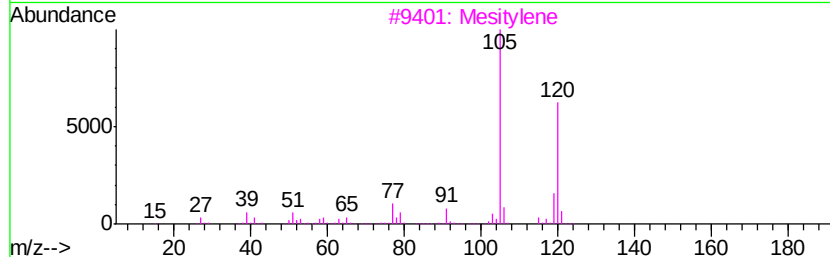
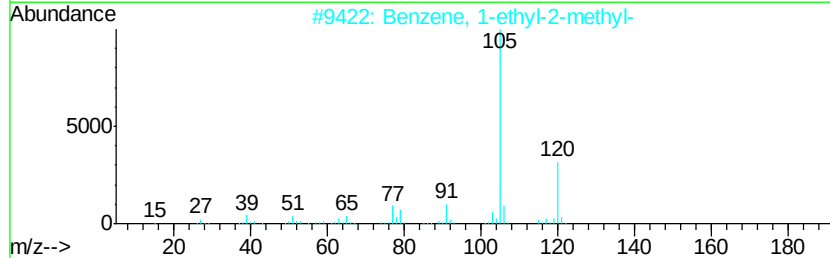
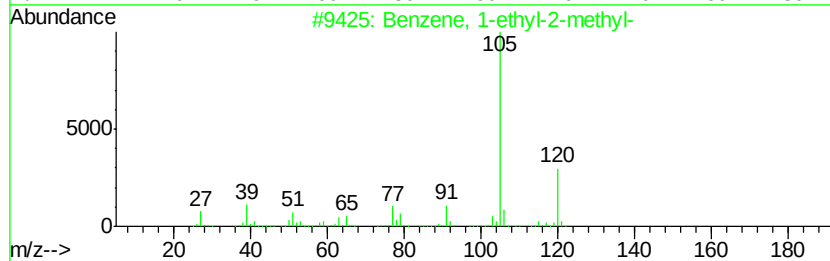
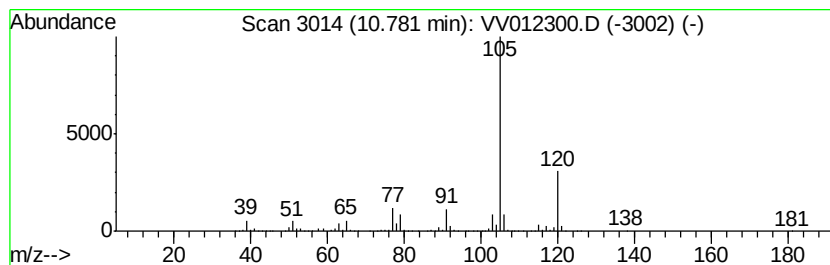
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	1.85 ug/L	2461570	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 95
2		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 94
3		Mesitylene	120 C9H12	000108-67-8 91
4		Mesitylene	120 C9H12	000108-67-8 91
5		Mesitylene	120 C9H12	000108-67-8 91



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ALS Vial : 28 Sample Multiplier: 1

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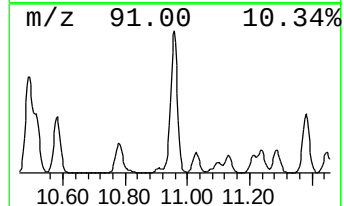
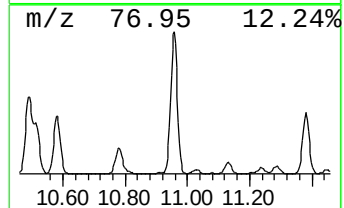
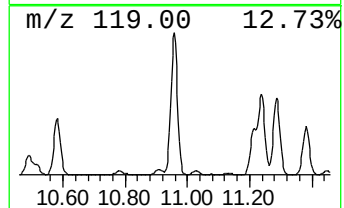
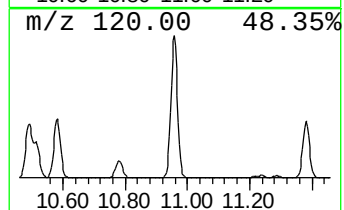
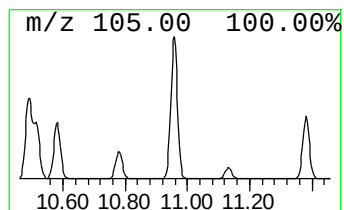
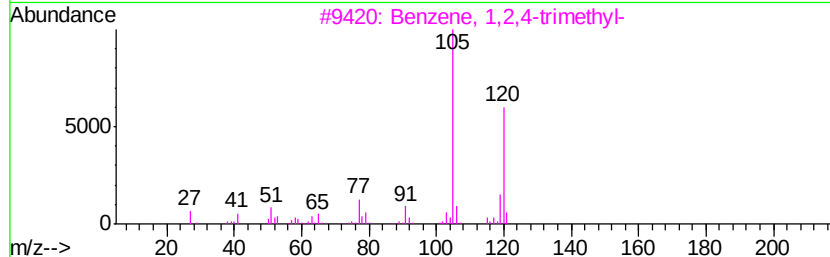
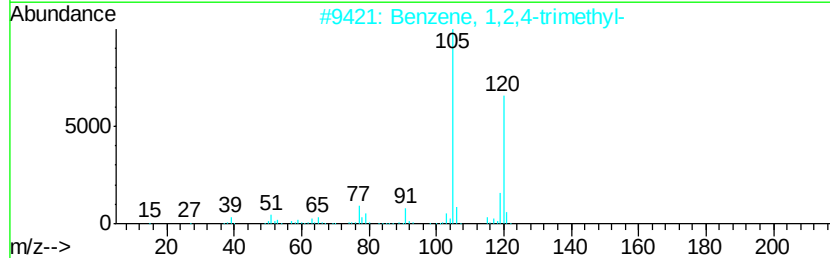
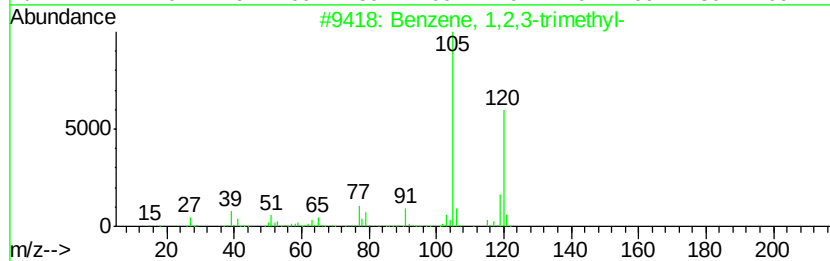
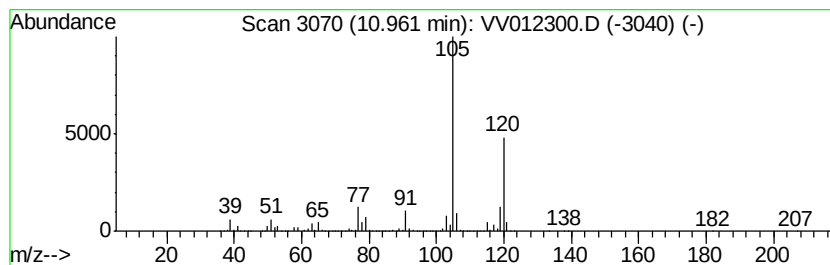
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	9.76 ug/L	13006600	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	95
4		Mesitylene	120	C9H12	000108-67-8	94
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



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Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

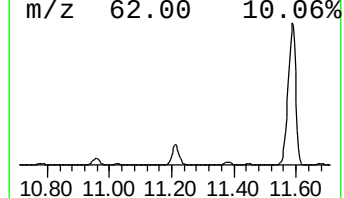
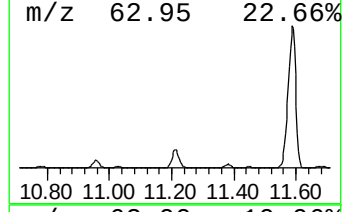
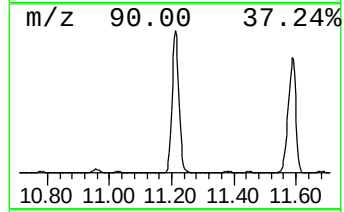
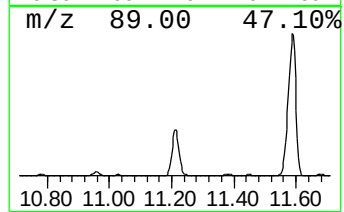
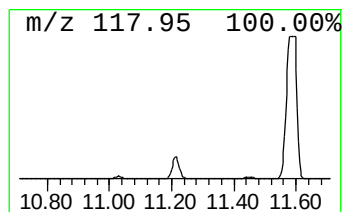
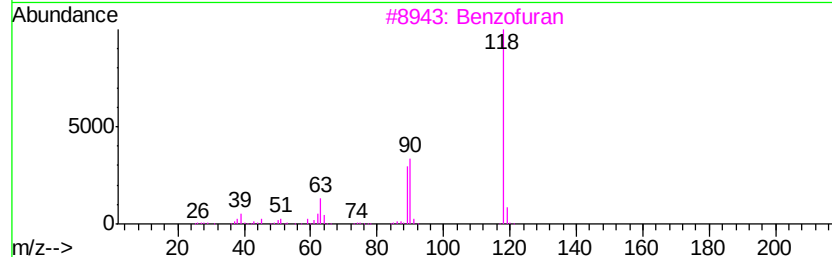
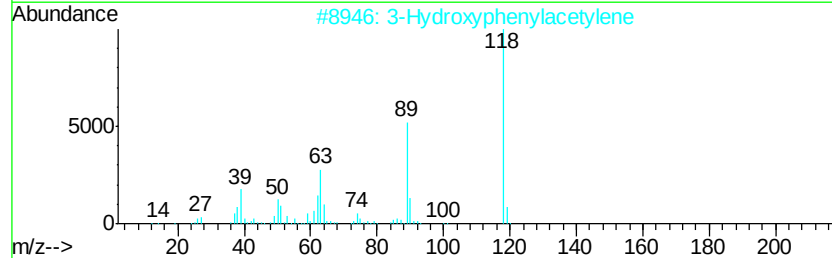
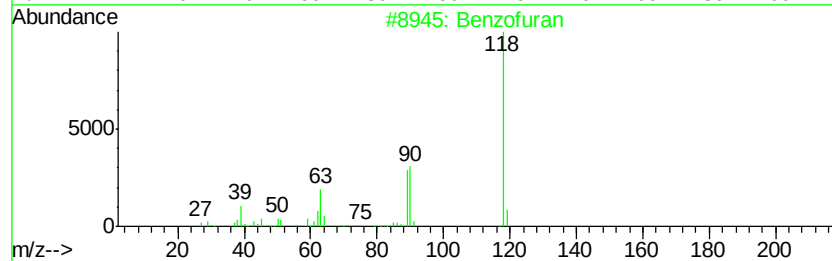
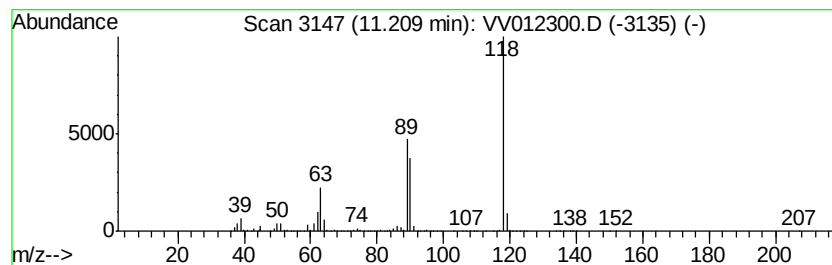
Instrument :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Benzofuran Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.21	5.00 ug/L	6662110	1,4-Dichlorobenzene-d4	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	90
2	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
3	Benzofuran	118	C8H6O	000271-89-6	87
4	Benzofuran	118	C8H6O	000271-89-6	87
5	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	64



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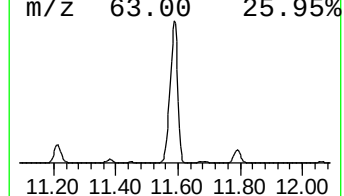
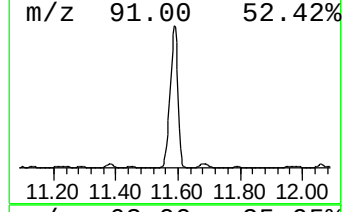
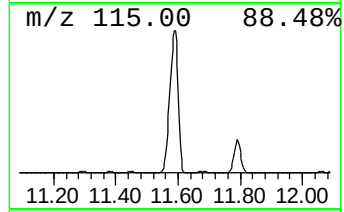
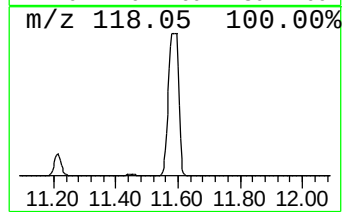
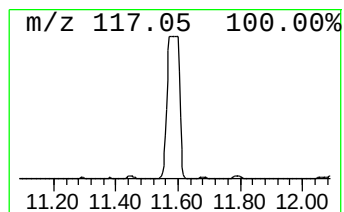
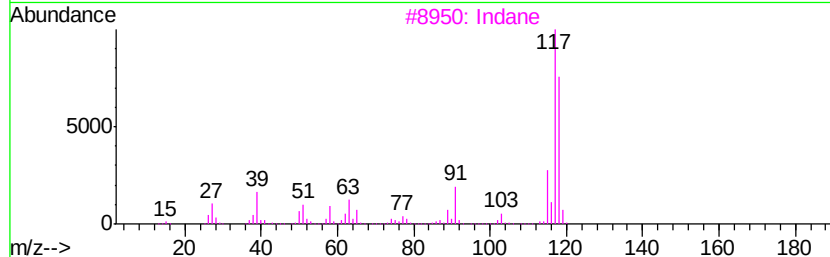
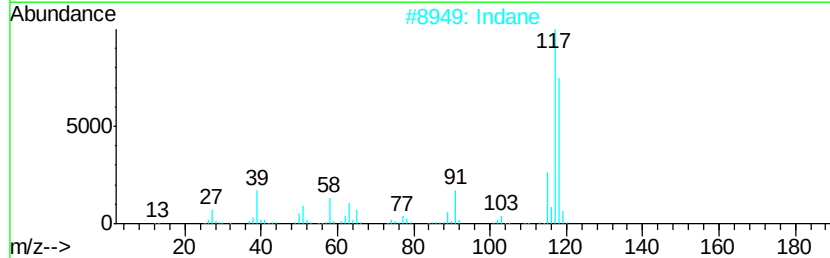
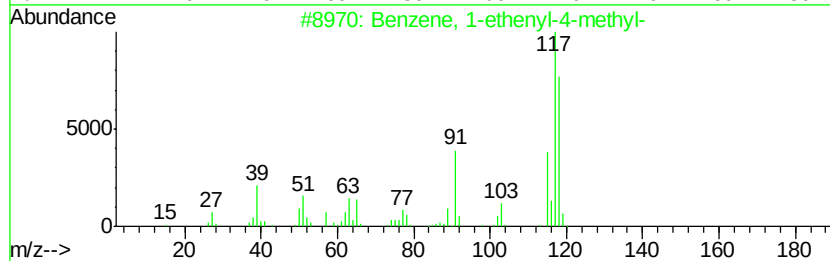
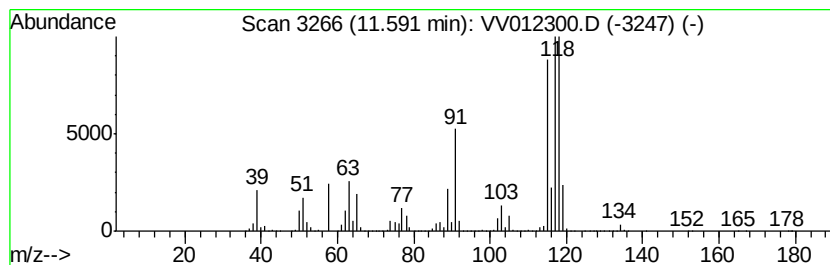
Instrument :
MSVOA_V
ClientSampled :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Benzene, 1-ethenyl-4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	90.13 ug/L	120092000	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-4-methyl-	118 C9H10	000622-97-9 91
2		Indane	118 C9H10	000496-11-7 83
3		Indane	118 C9H10	000496-11-7 64
4		Benzene, 2-propenyl-	118 C9H10	000300-57-2 64
5		Benzene, 1-ethenyl-3-methyl-	118 C9H10	000100-80-1 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
Acq On : 20 Aug 2019 01:54
Operator : SY/MD
Sample : K4373-19
Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

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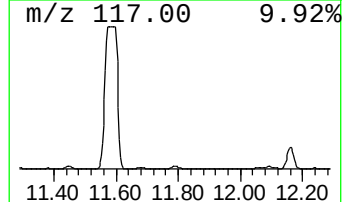
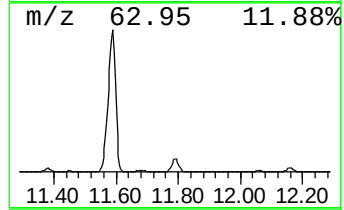
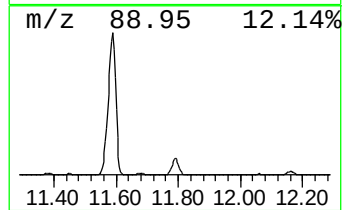
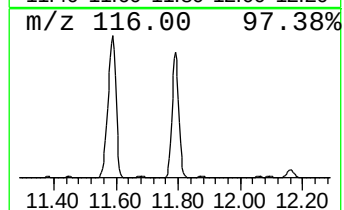
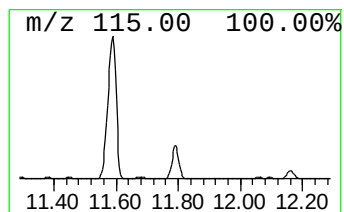
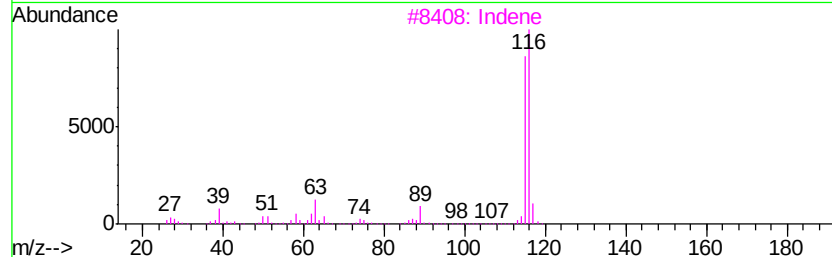
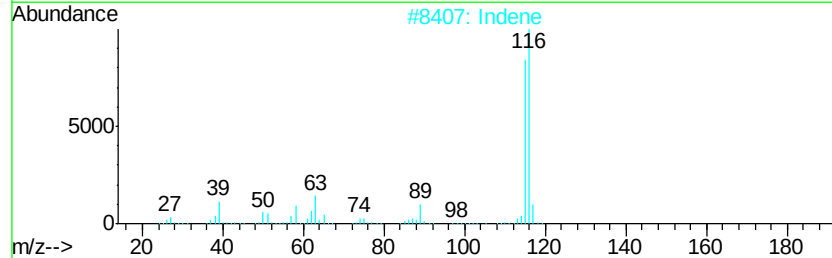
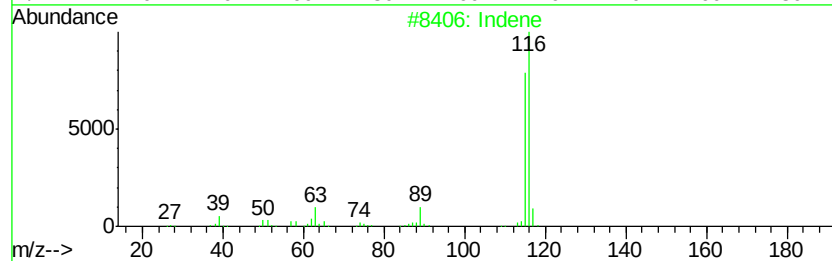
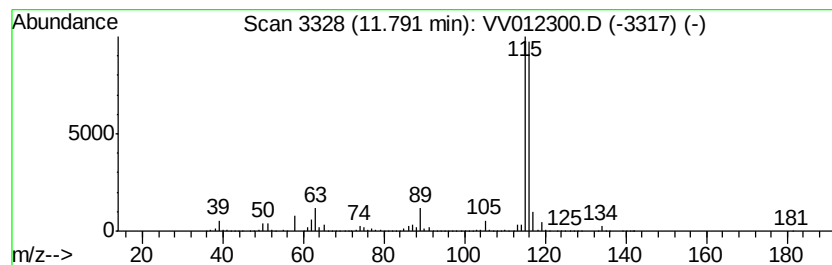
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.18 ug/L	8238310	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	Indene		116	C9H8	000095-13-6	95
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	94
5	3-Methylphenylacetylene		116	C9H8	000766-82-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
Acq On : 20 Aug 2019 01:54
Operator : SY/MD
Sample : K4373-19
Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

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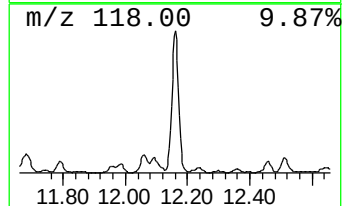
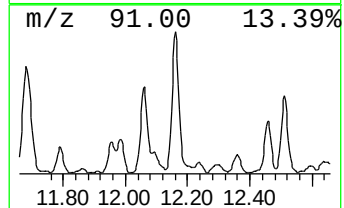
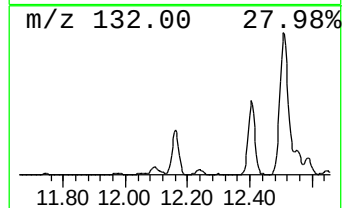
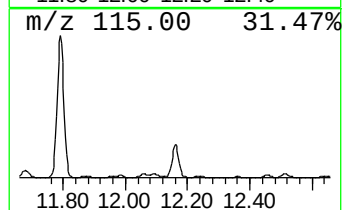
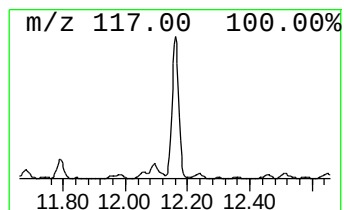
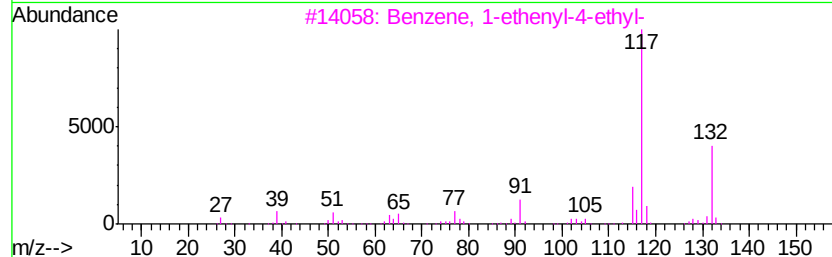
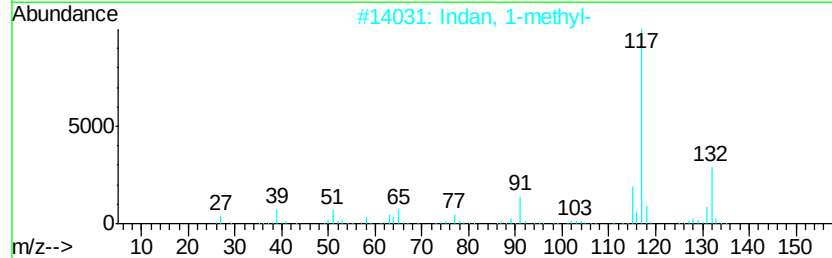
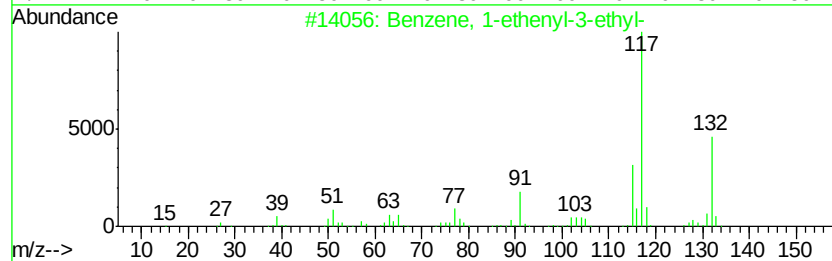
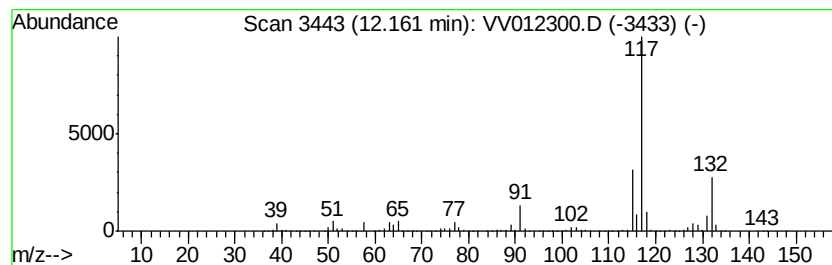
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.96 ug/L	5279850	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2		Indan, 1-methyl-	132	C10H12	000767-58-8	90
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
Acq On : 20 Aug 2019 01:54
Operator : SY/MD
Sample : K4373-19
Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF8

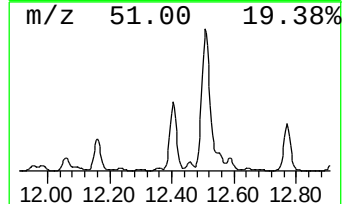
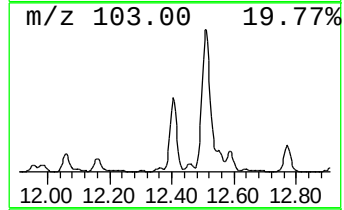
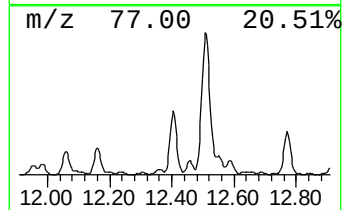
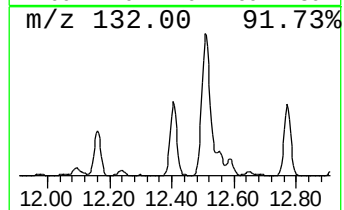
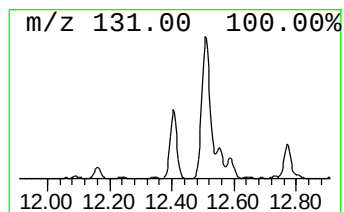
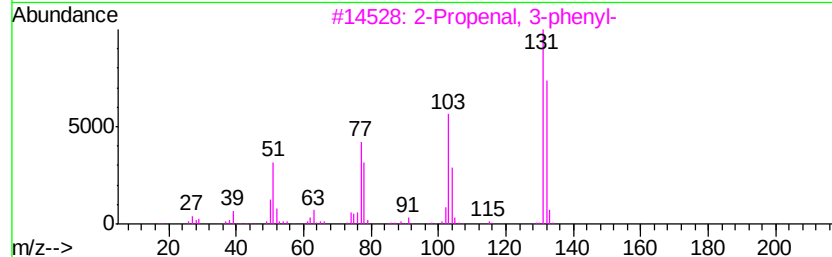
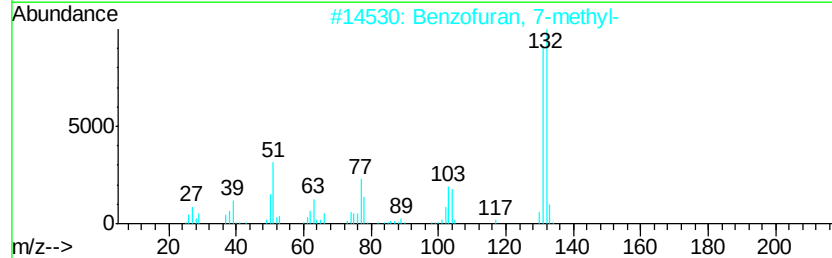
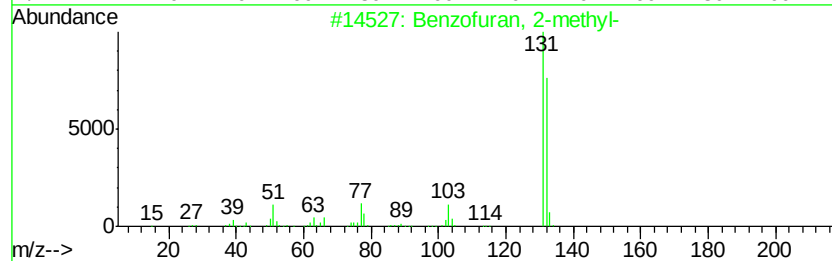
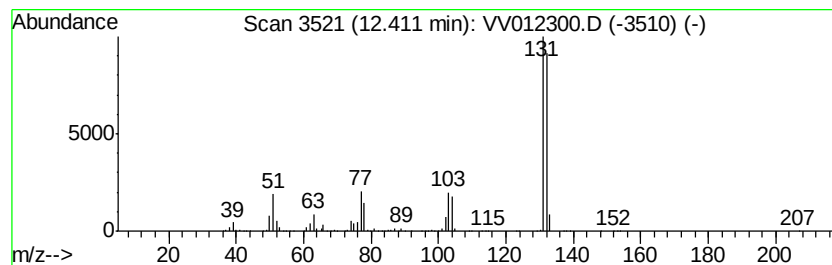
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Benzofuran, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	2.64 ug/L	3513200	1,4-Dichlorobenzene-d4	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5			1H-Indenol	132	C9H8O	056631-57-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
Acq On : 20 Aug 2019 01:54
Operator : SY/MD
Sample : K4373-19
Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

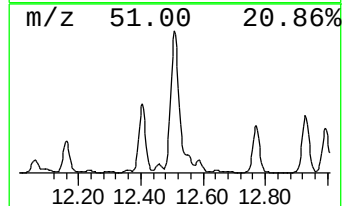
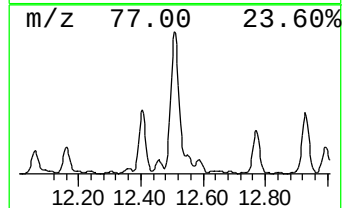
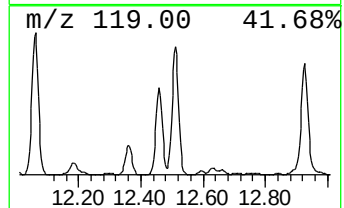
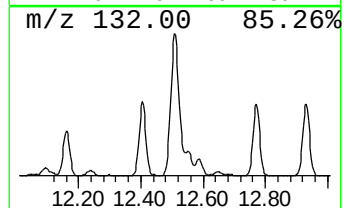
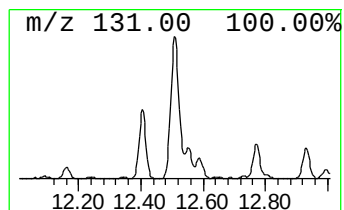
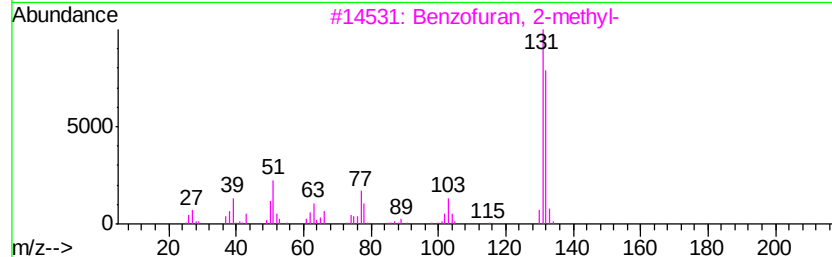
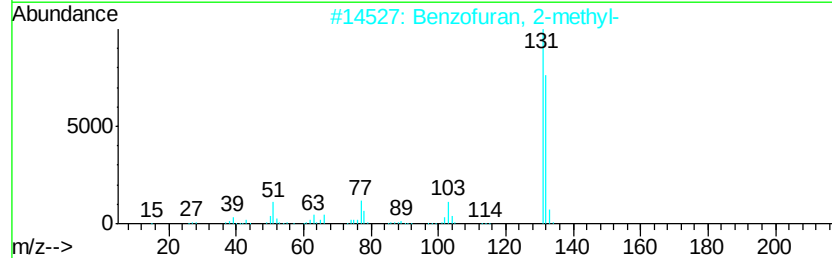
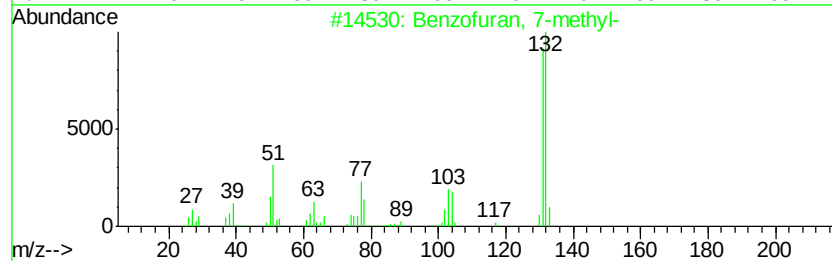
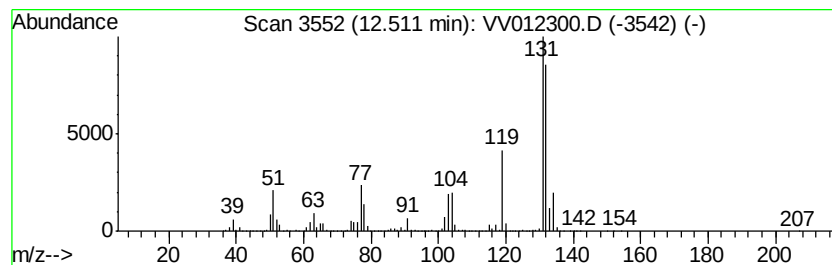
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 12 Benzofuran, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	8.09 ug/L	10783300	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 76
4		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 76
5		3-Phenyl-2-propyn-1-ol	132 C9H8O	001504-58-1 76



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
Acq On : 20 Aug 2019 01:54
Operator : SY/MD
Sample : K4373-19
Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
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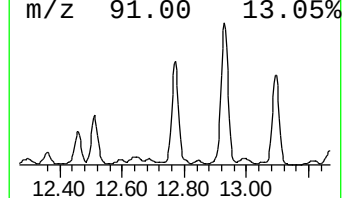
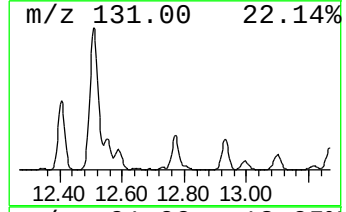
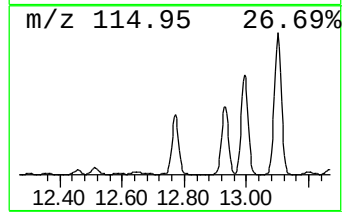
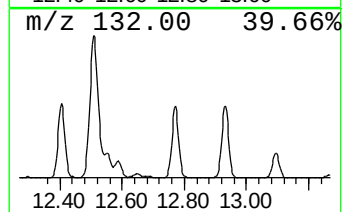
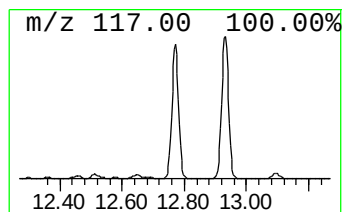
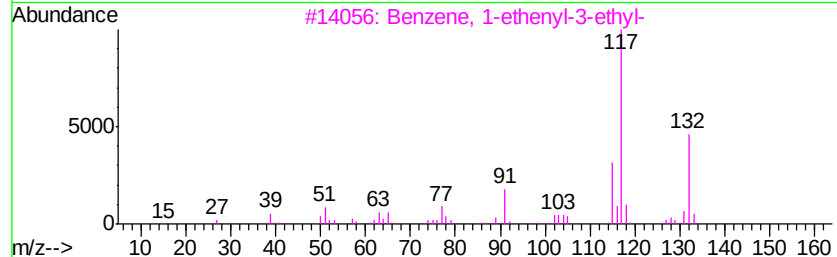
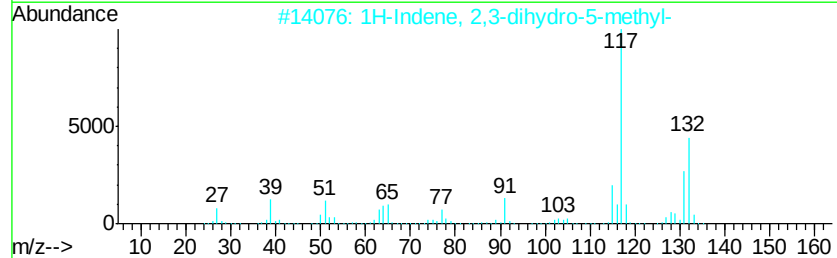
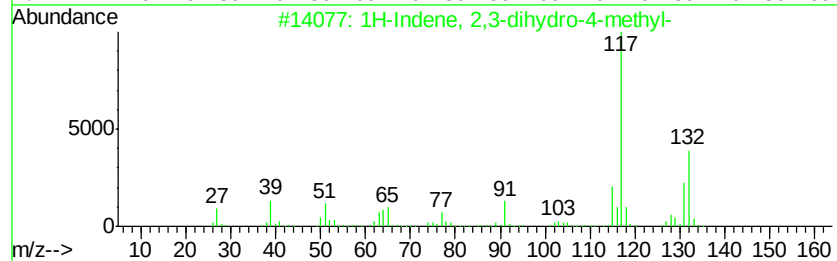
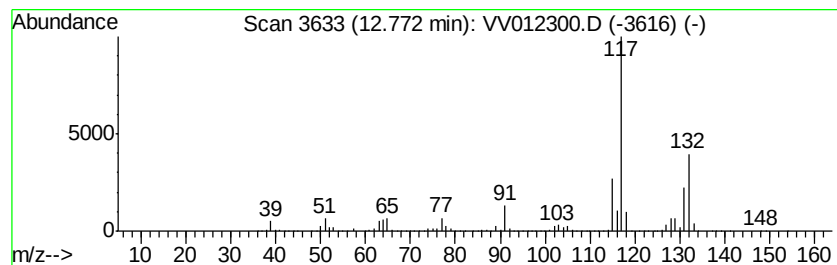
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 13 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	5.40 ug/L	7196390	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
Acq On : 20 Aug 2019 01:54
Operator : SY/MD
Sample : K4373-19
Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

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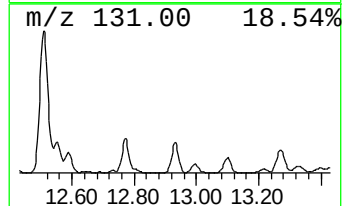
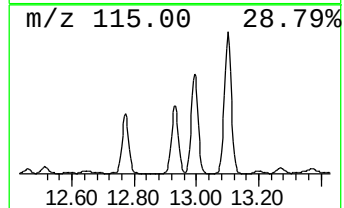
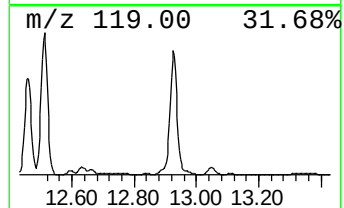
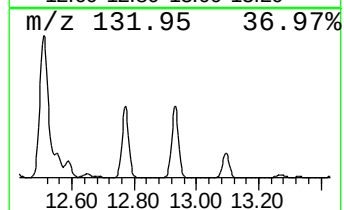
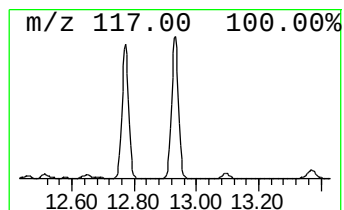
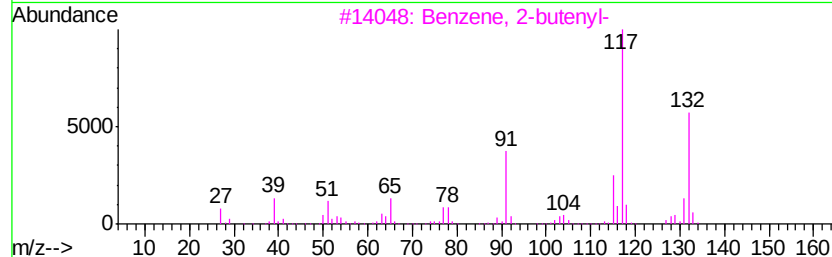
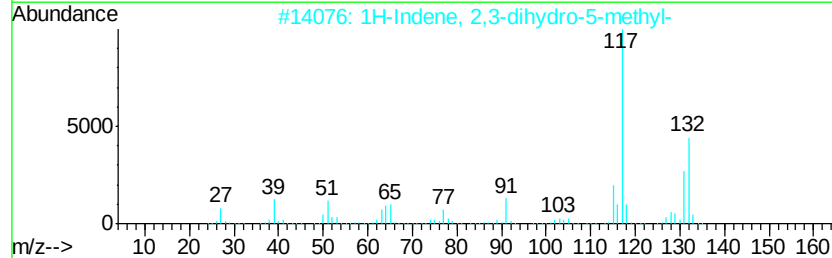
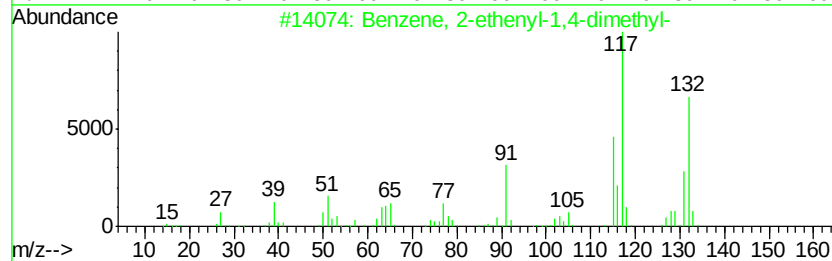
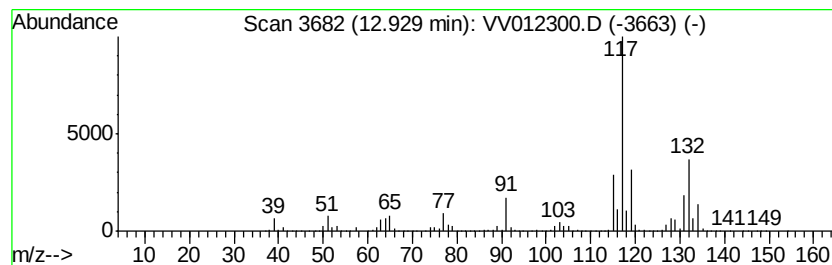
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	7.33 ug/L	9770720	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
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Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

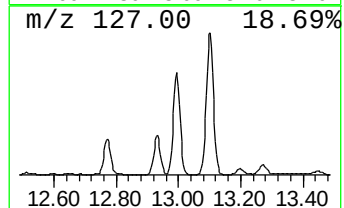
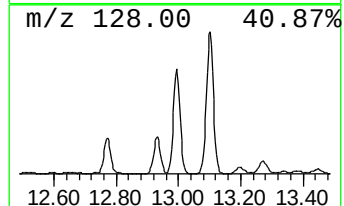
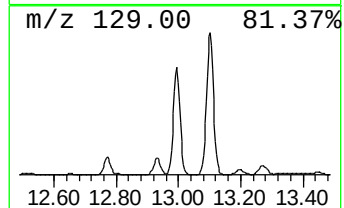
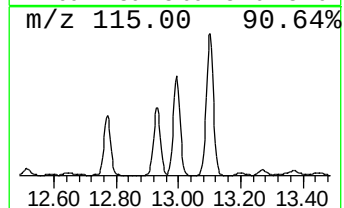
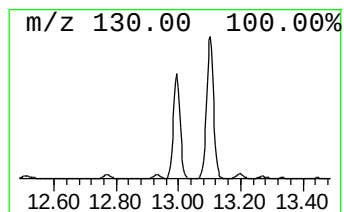
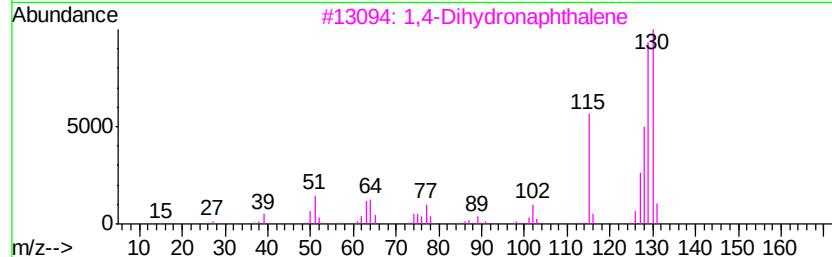
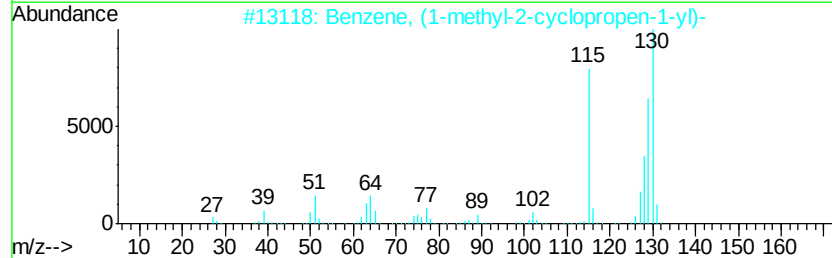
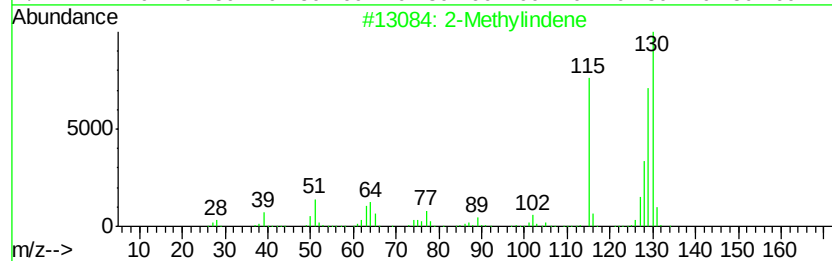
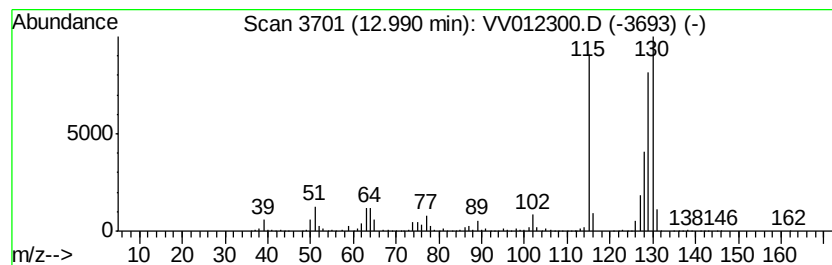
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 15 2-Methylindene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	4.33 ug/L	5771400	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Methylindene	130 C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130 C10H10	065051-83-4	96
3	1,4-Dihydronaphthalene	130 C10H10	000612-17-9	95
4	Cycloprop[alindene, 1,1a,6,6a-te...	130 C10H10	015677-15-3	95
5	1H-Indene, 1-methyl-	130 C10H10	000767-59-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
Acq On : 20 Aug 2019 01:54
Operator : SY/MD
Sample : K4373-19
Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
C0AF8

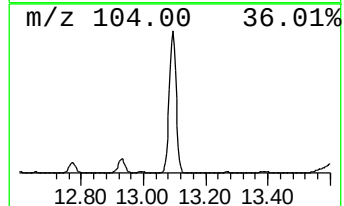
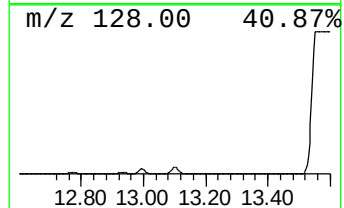
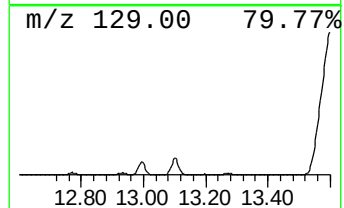
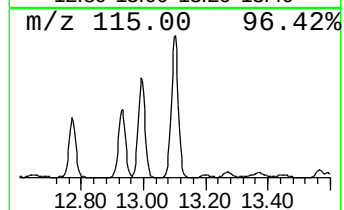
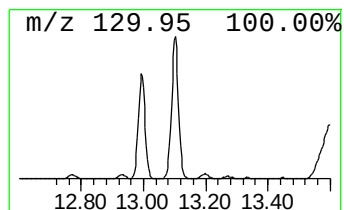
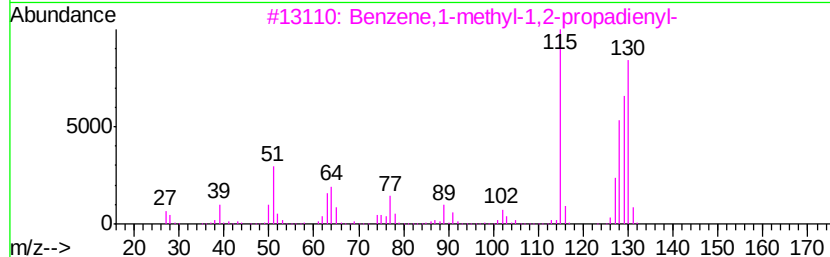
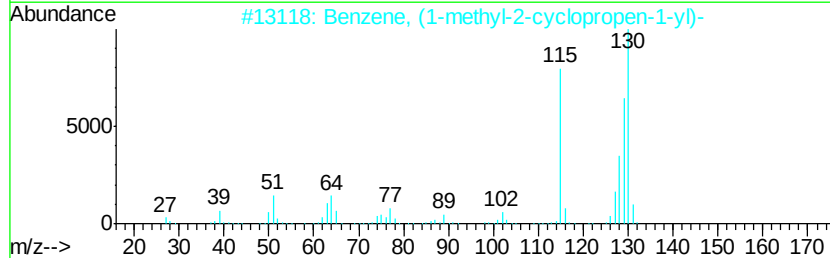
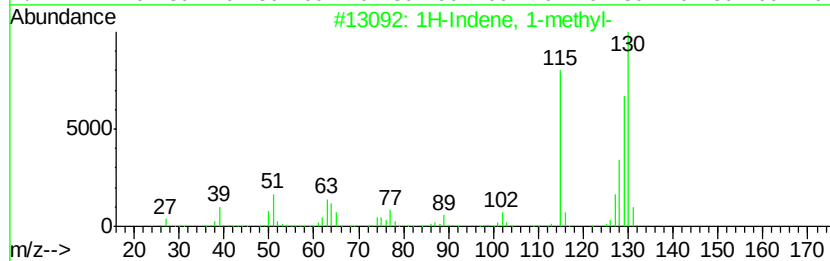
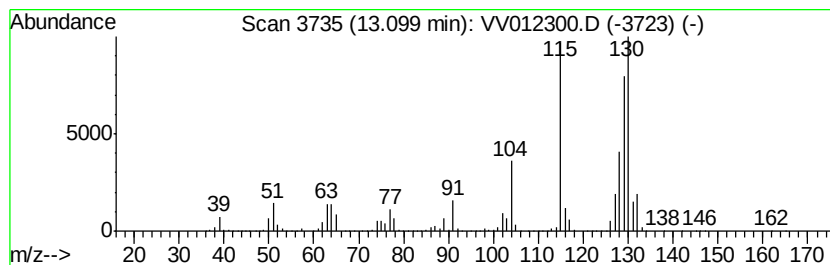
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 16 1H-Indene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	7.00 ug/L	9321450	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4		2-Methylindene	130	C10H10	002177-47-1	95
5		Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
Acq On : 20 Aug 2019 01:54
Operator : SY/MD
Sample : K4373-19
Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

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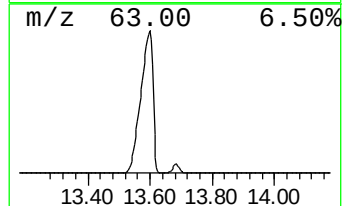
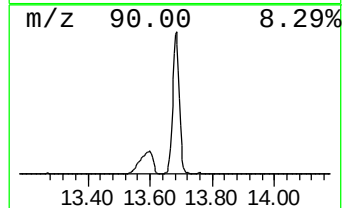
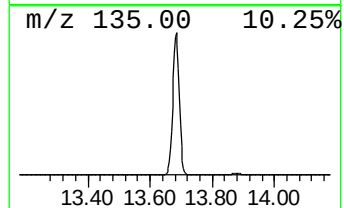
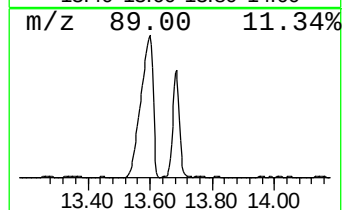
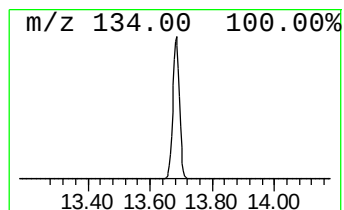
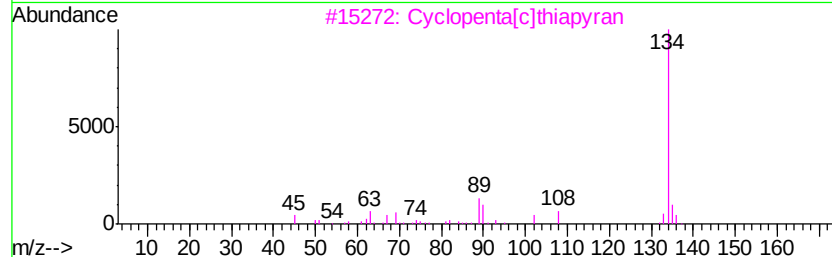
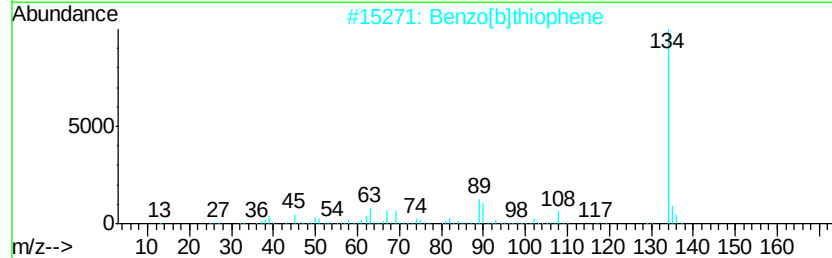
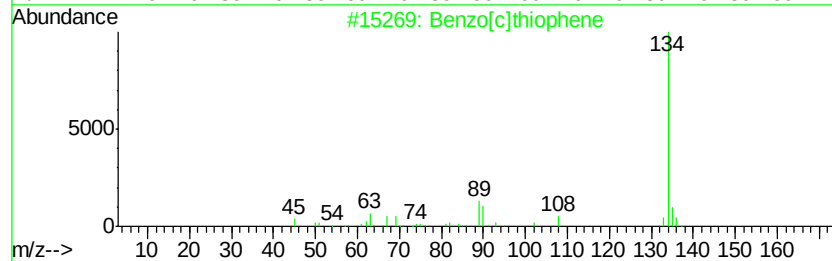
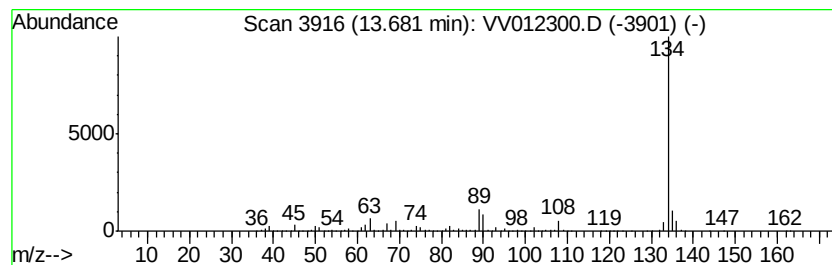
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 18 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	8.15 ug/L	10853300	1,4-Dichlorobenzene-d4	11.29

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
Acq On : 20 Aug 2019 01:54
Operator : SY/MD
Sample : K4373-19
Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

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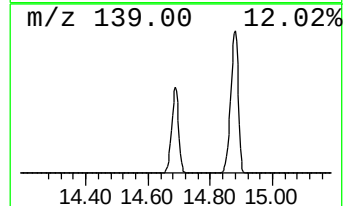
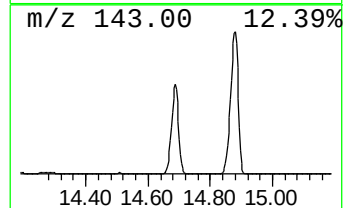
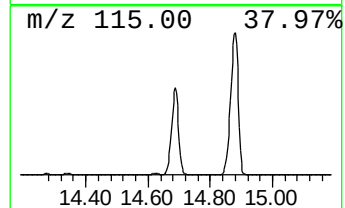
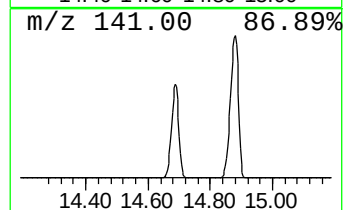
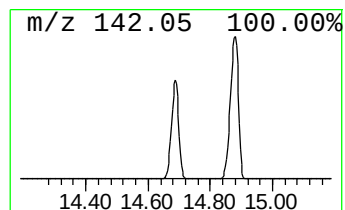
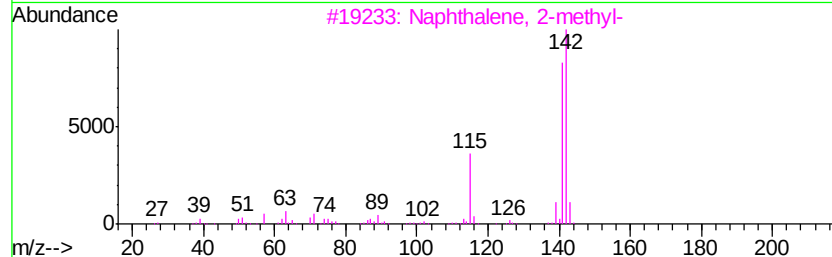
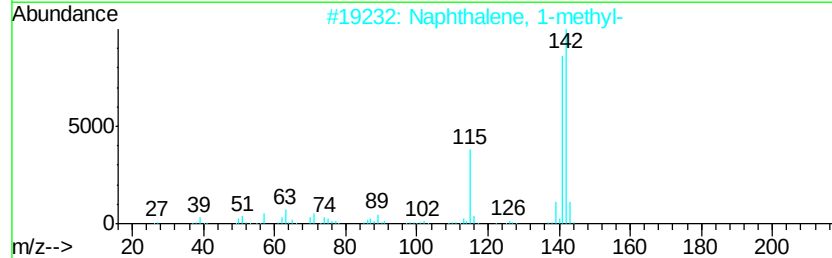
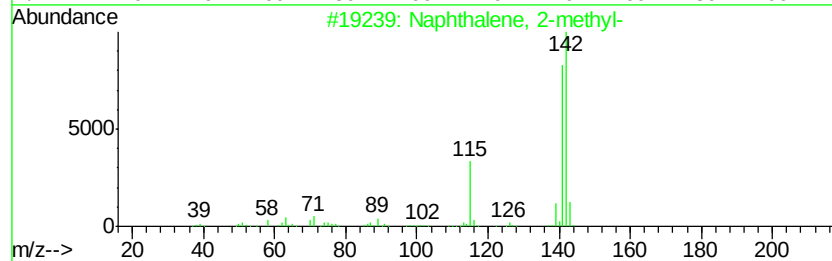
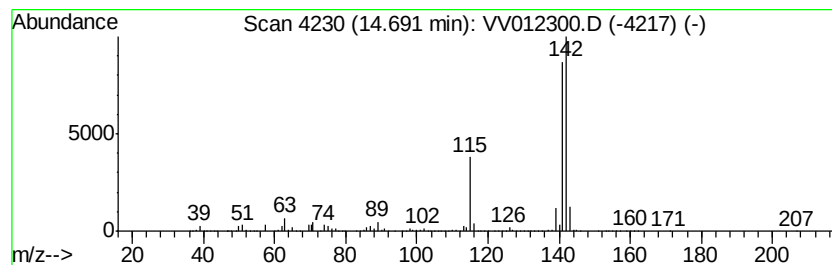
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	23.19 ug/L	30893700	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, 1-methyl-	142	C11H10	000090-12-0	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:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
Acq On : 20 Aug 2019 01:54
Operator : SY/MD
Sample : K4373-19
Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

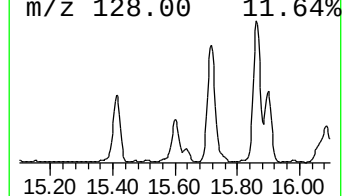
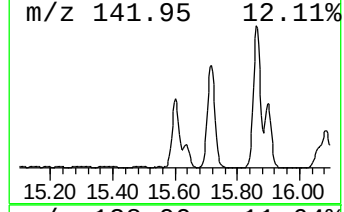
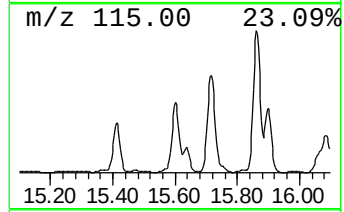
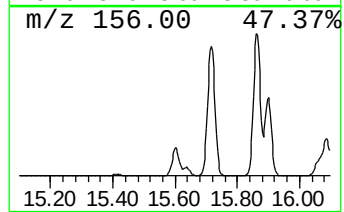
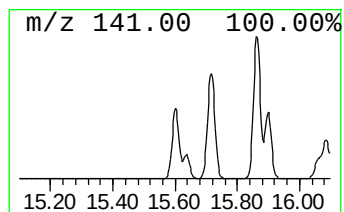
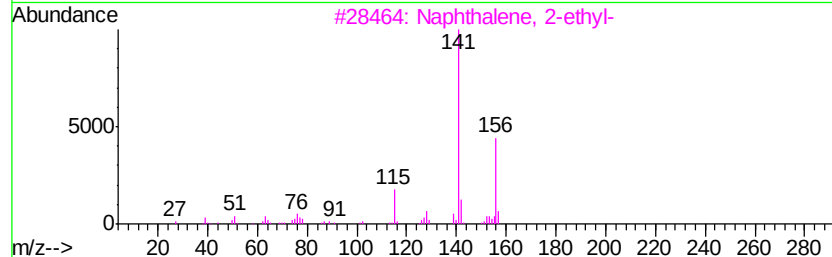
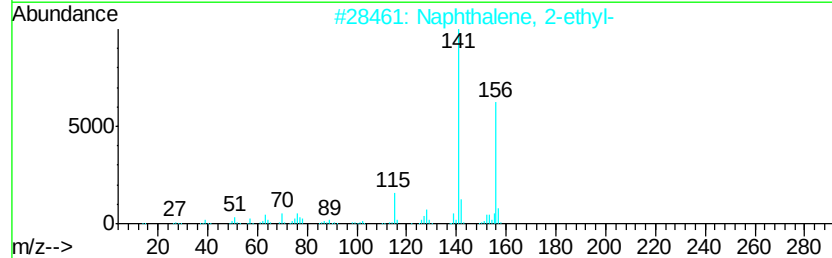
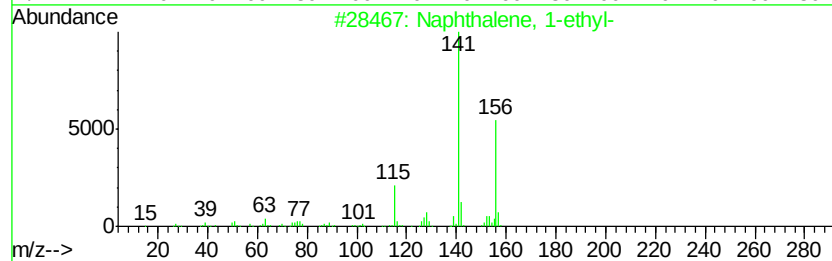
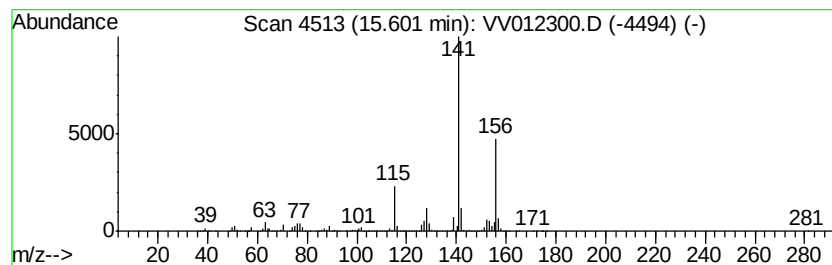
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 22 Naphthalene, 1-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.44 ug/L	3253970	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
4		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
Acq On : 20 Aug 2019 01:54
Operator : SY/MD
Sample : K4373-19
Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF8

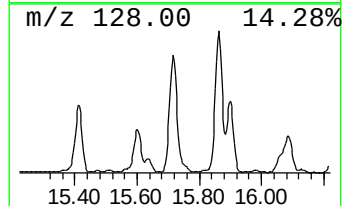
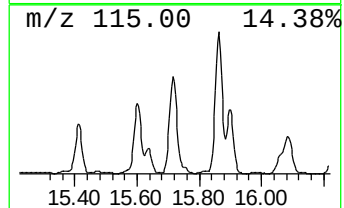
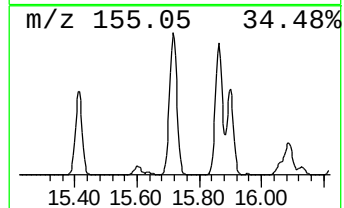
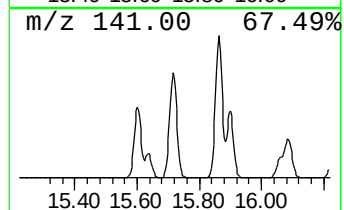
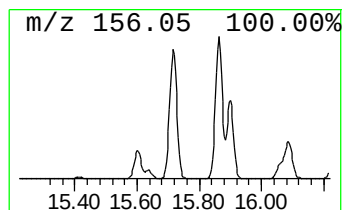
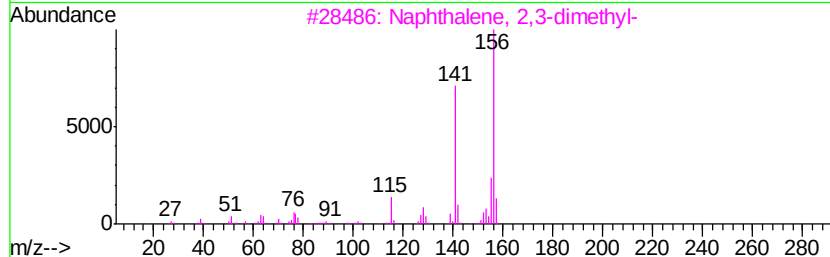
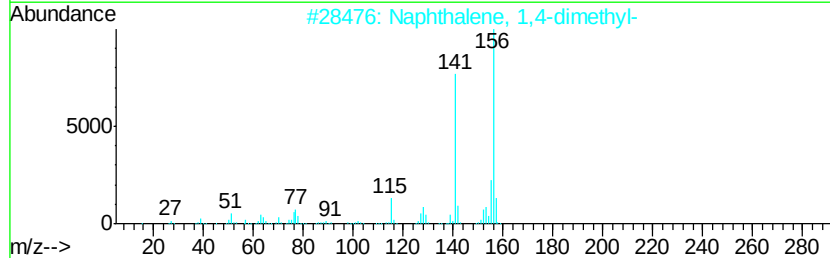
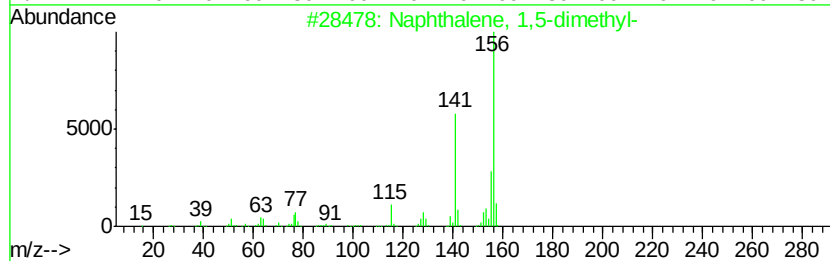
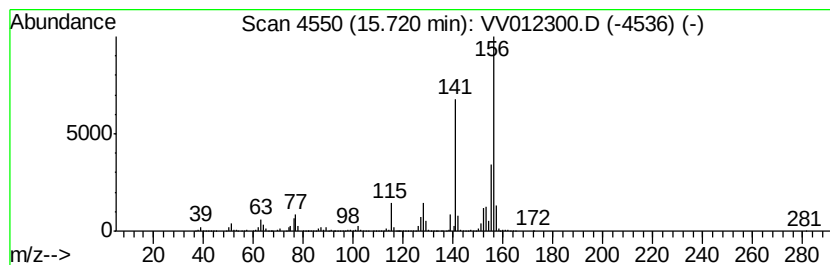
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 23 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	6.87 ug/L	9156470	1,4-Dichlorobenzene-d4	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
Acq On : 20 Aug 2019 01:54
Operator : SY/MD
Sample : K4373-19
Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

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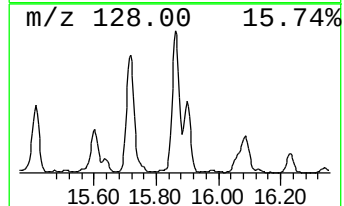
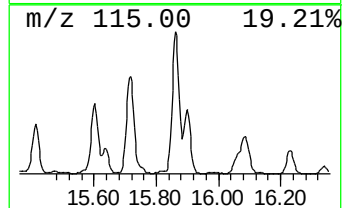
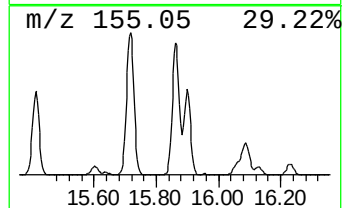
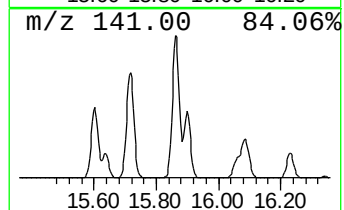
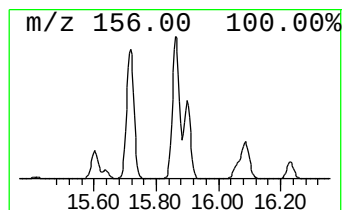
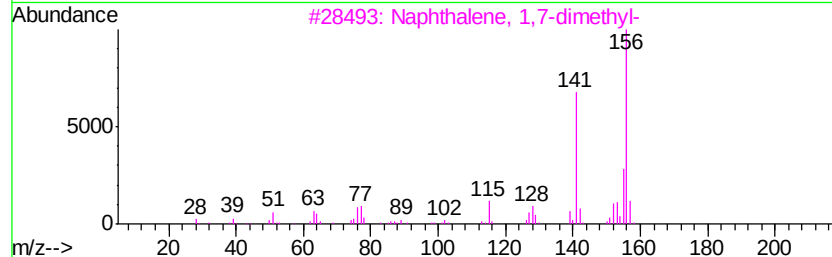
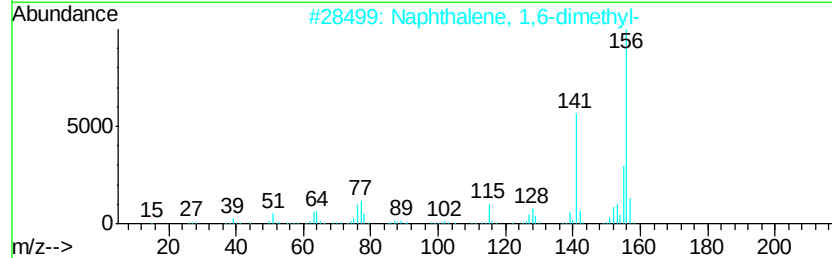
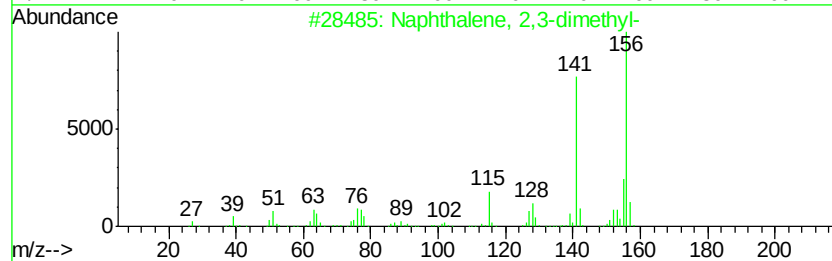
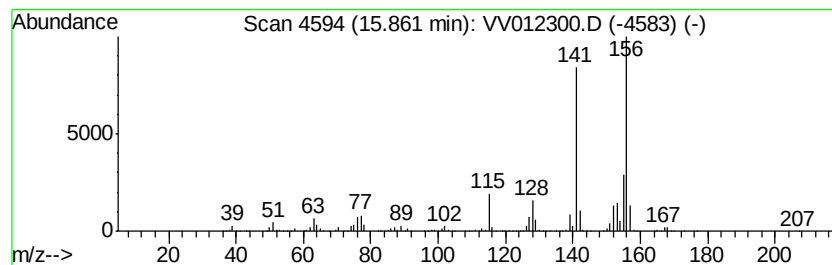
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 24 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	7.27 ug/L	9682760	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012300.D
Acq On : 20 Aug 2019 01:54
Operator : SY/MD
Sample : K4373-19
Misc : 25mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF8

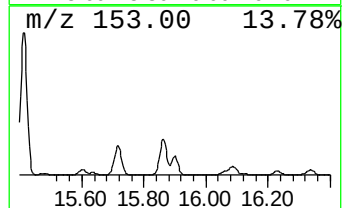
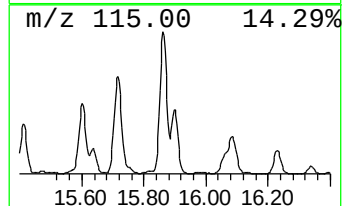
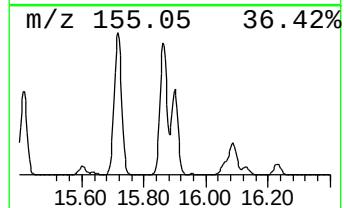
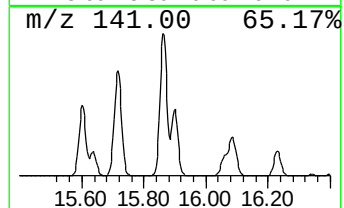
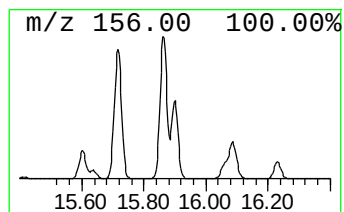
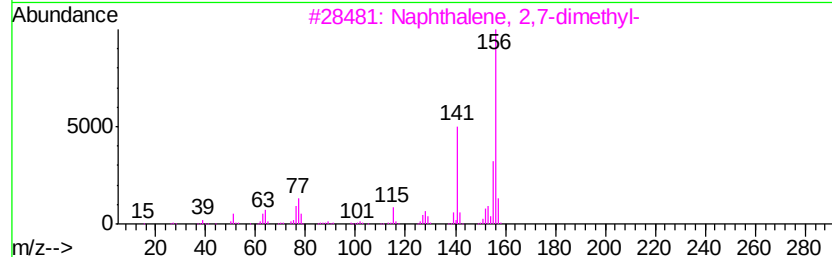
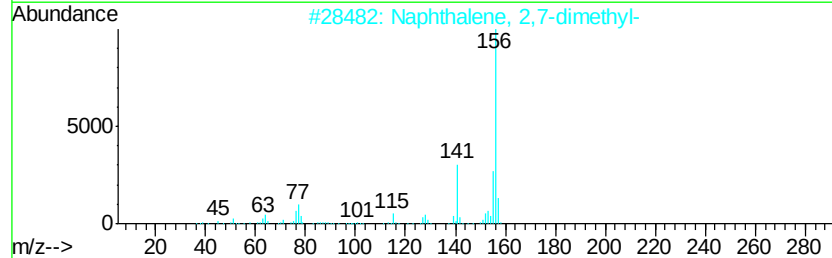
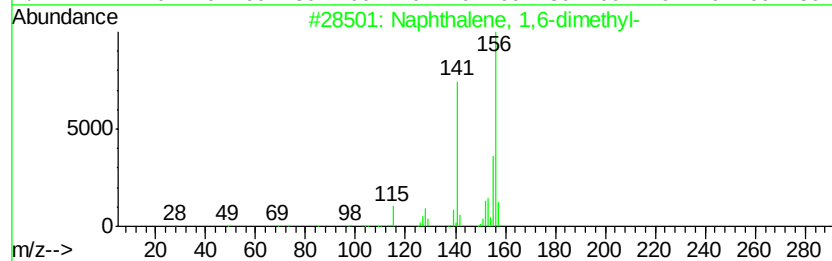
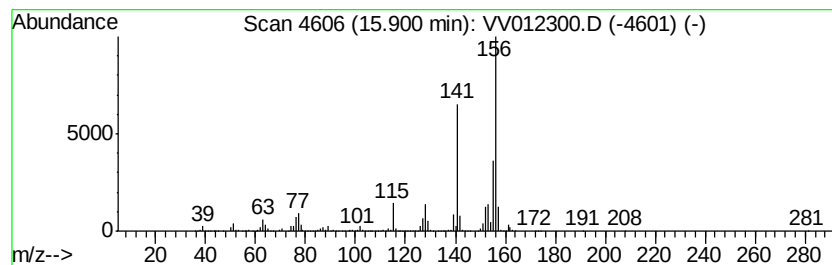
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 25 Naphthalene, 1,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	3.46 ug/L	4605050	1,4-Dichlorobenzene-d4	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
 Data File : VV012300.D
 Acq On : 20 Aug 2019 01:54
 Operator : SY/MD
 Sample : K4373-19
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF8

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
Benzene, 1-ethyl-...	10.49	5.5	ug/L	7270480	3	11.29	6662110	5.0
Benzene, 1-ethyl-...	10.78	1.9	ug/L	2461570	3	11.29	6662110	5.0
Benzene, 1,2,3-tr...	10.96	9.8	ug/L	13006600	3	11.29	6662110	5.0
Benzofuran	11.21	5.0	ug/L	6662110	3	11.29	6662110	5.0
Benzene, 1-etheny...	11.59	90.1	ug/L	120092000	3	11.29	6662110	5.0
Indene	11.79	6.2	ug/L	8238310	3	11.29	6662110	5.0
Benzene, 1-ethyl-...	12.06	2.0	ug/L	2634060	3	11.29	6662110	5.0
Benzene, 1-etheny...	12.16	4.0	ug/L	5279850	3	11.29	6662110	5.0
Benzofuran, 2-met...	12.41	2.6	ug/L	3513200	3	11.29	6662110	5.0
Benzofuran, 7-met...	12.51	8.1	ug/L	10783300	3	11.29	6662110	5.0
1H-Indene, 2,3-di...	12.77	5.4	ug/L	7196390	3	11.29	6662110	5.0
Benzene, 2-etheny...	12.93	7.3	ug/L	9770720	3	11.29	6662110	5.0
2-Methylindene	12.99	4.3	ug/L	5771400	3	11.29	6662110	5.0
1H-Indene, 1-methyl-	13.10	7.0	ug/L	9321450	3	11.29	6662110	5.0
Benzo[c]thiophene	13.68	8.2	ug/L	10853300	3	11.29	6662110	5.0
Naphthalene, 1-me...	14.69	23.2	ug/L	30893700	3	11.29	6662110	5.0
Naphthalene, 1-et...	15.60	2.4	ug/L	3253970	3	11.29	6662110	5.0
Naphthalene, 1,5-...	15.72	6.9	ug/L	9156470	3	11.29	6662110	5.0
Naphthalene, 2,3-...	15.86	7.3	ug/L	9682760	3	11.29	6662110	5.0
Naphthalene, 1,6-...	15.90	3.5	ug/L	4605050	3	11.29	6662110	5.0