

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
 Data File : VV016364.D
 Acq On : 30 May 2020 17:01
 Operator : SY/MD
 Sample : L2662-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B37

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\SOMVTR053020WMA.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	1.315	63	70	80	rVB	52762	54381	3.11%	0.819%
2	1.579	144	152	168	rVB	37763	46376	2.65%	0.699%
3	2.126	312	322	337	rBV	80254	117167	6.69%	1.765%
4	3.939	872	886	918	rBV2	37099	133117	7.61%	2.005%
5	4.376	1006	1022	1047	rVB	58725	142791	8.16%	2.151%
6	5.074	1223	1239	1259	rBV2	140502	336820	19.24%	5.074%
7	5.643	1403	1416	1437	rBV	108734	213416	12.19%	3.215%
8	6.097	1543	1557	1579	rBV2	77284	154810	8.85%	2.332%
9	7.010	1830	1841	1857	rBV2	36703	65855	3.76%	0.992%
10	7.338	1930	1943	1961	rBV	165725	282700	16.15%	4.259%
11	7.643	2029	2038	2054	rBV	21965	36877	2.11%	0.556%
12	8.113	2172	2184	2218	rBV	189716	345599	19.75%	5.206%
13	8.875	2409	2421	2441	rBV	166901	267120	15.26%	4.024%
14	10.238	2832	2845	2859	rVB	54561	83689	4.78%	1.261%
15	11.270	3155	3166	3188	rBV	173194	263491	15.05%	3.969%
16	11.553	3243	3254	3272	rBV4	55618	101430	5.80%	1.528%
17	11.646	3272	3283	3297	rVB	162407	251840	14.39%	3.794%
18	13.524	3844	3867	3894	rBV	1105942	1750210	100.00%	26.365%
19	13.646	3895	3905	3918	rVB	23760	40493	2.31%	0.610%
20	14.656	4208	4219	4238	rVB	185020	284707	16.27%	4.289%
21	14.839	4265	4276	4289	rBV	97821	155605	8.89%	2.344%
22	15.389	4435	4447	4461	rBV	52855	80222	4.58%	1.208%
23	15.579	4496	4506	4514	rBV	21014	33886	1.94%	0.510%
24	15.691	4530	4541	4560	rBV2	36833	62248	3.56%	0.938%
25	15.836	4574	4586	4593	rBV3	48741	78378	4.48%	1.181%
26	15.874	4593	4598	4610	rVB	27845	40874	2.34%	0.616%
27	16.064	4640	4657	4668	rBV2	17253	38782	2.22%	0.584%
28	16.315	4723	4735	4747	rBV3	24725	37799	2.16%	0.569%
29	16.511	4784	4796	4818	rBV	338060	540681	30.89%	8.145%
30	16.691	4844	4852	4863	rBV4	13091	23368	1.34%	0.352%
31	16.810	4877	4889	4906	rVB	220337	350779	20.04%	5.284%
32	17.135	4973	4990	5000	rBV10	8209	20648	1.18%	0.311%
33	17.421	5065	5079	5098	rBV2	93648	170174	9.72%	2.563%
34	17.540	5101	5116	5124	rBV7	16585	32119	1.84%	0.484%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016364.D
Acq On : 30 May 2020 17:01
Operator : SY/MD
Sample : L2662-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B37

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\SOMVTR053020WMA.M
Title : TRACE VOA SOM01.0

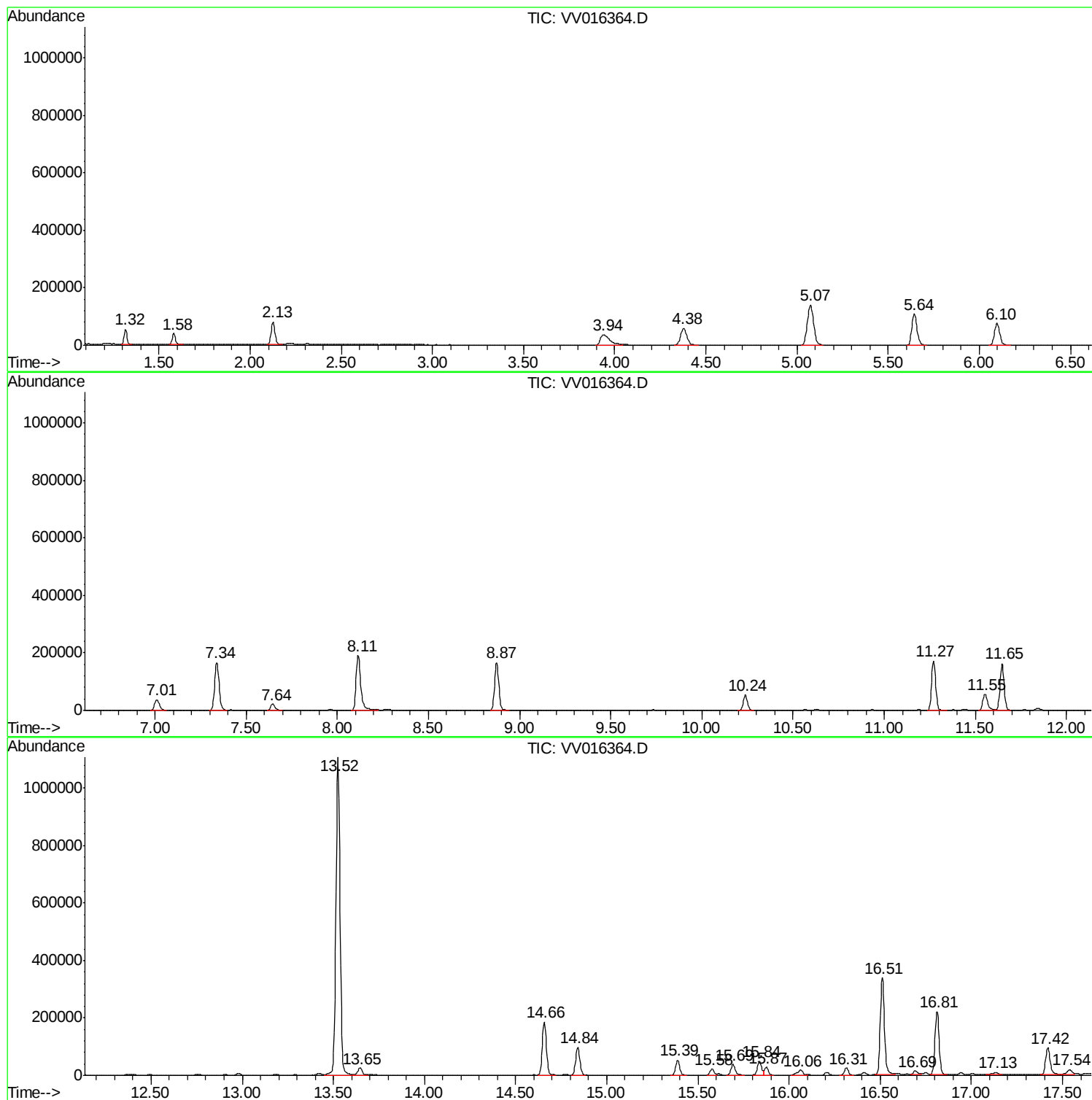
Sum of corrected areas: 6638452

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016364.D
Acq On : 30 May 2020 17:01
Operator : SY/MD
Sample : L2662-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B37

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016364.D
Acq On : 30 May 2020 17:01
Operator : SY/MD
Sample : L2662-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B37

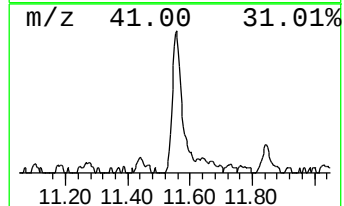
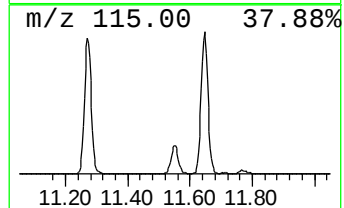
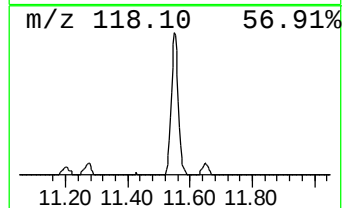
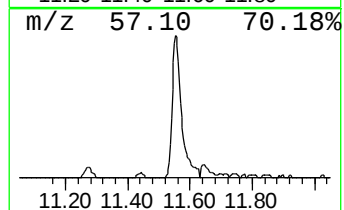
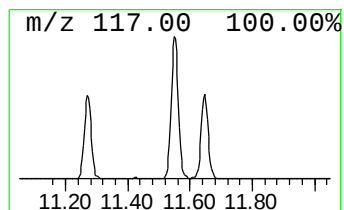
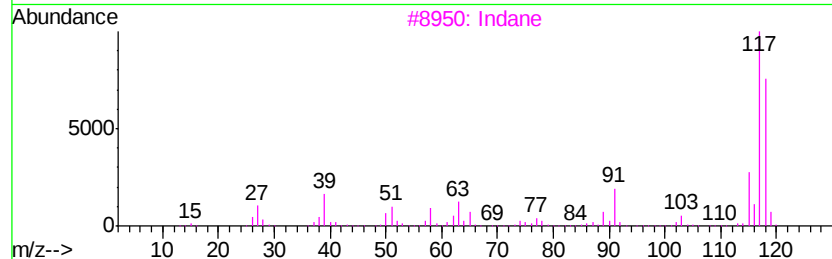
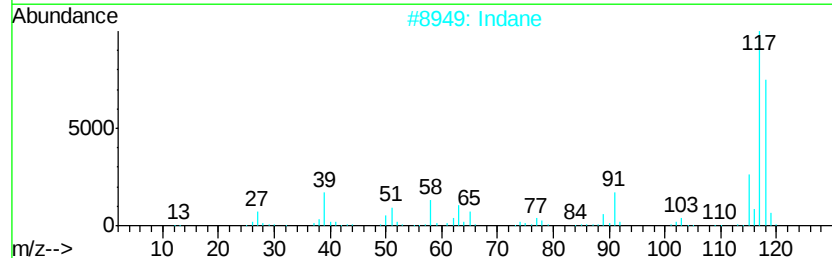
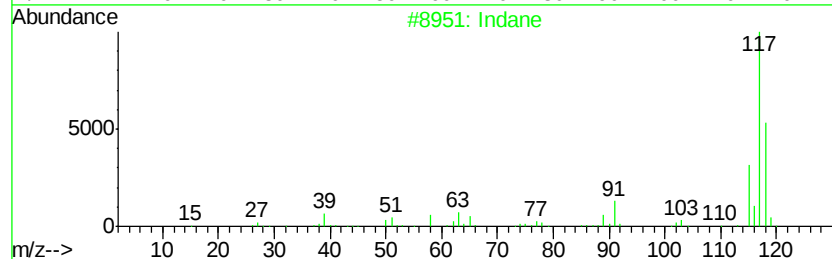
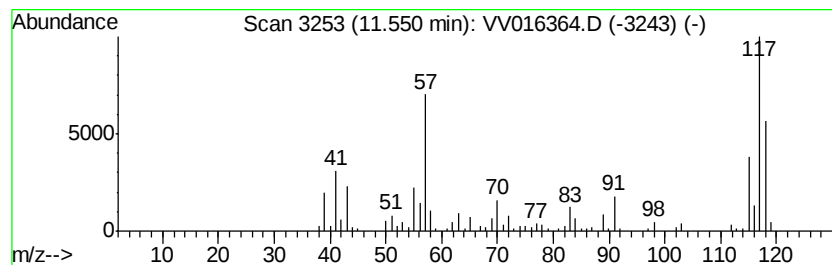
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	1.92 ug/L	101430	1,4-Dichlorobenzene-d4	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	92
2	Indane		118	C9H10	000496-11-7	92
3	Indane		118	C9H10	000496-11-7	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	53
5	trans-Cinnamyl bromide		196	C9H9Br	026146-77-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016364.D
Acq On : 30 May 2020 17:01
Operator : SY/MD
Sample : L2662-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B37

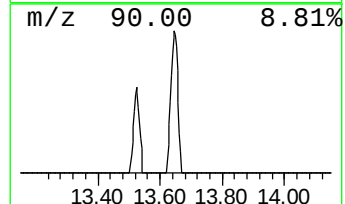
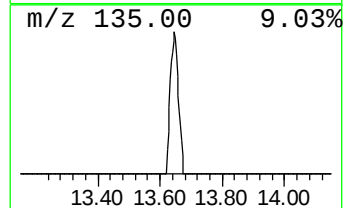
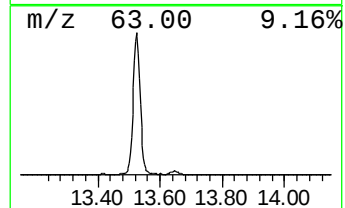
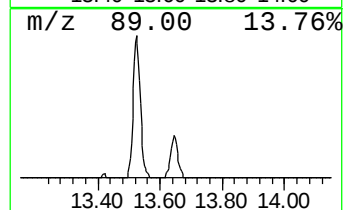
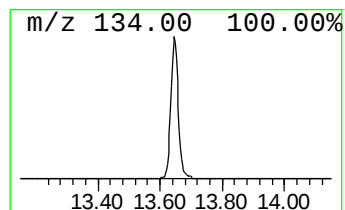
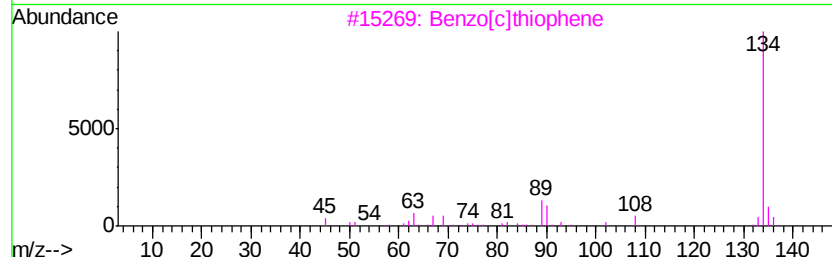
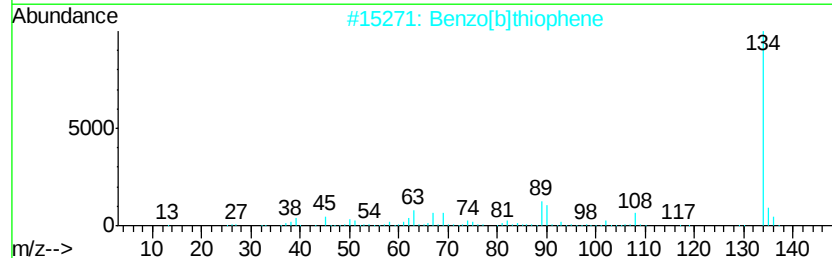
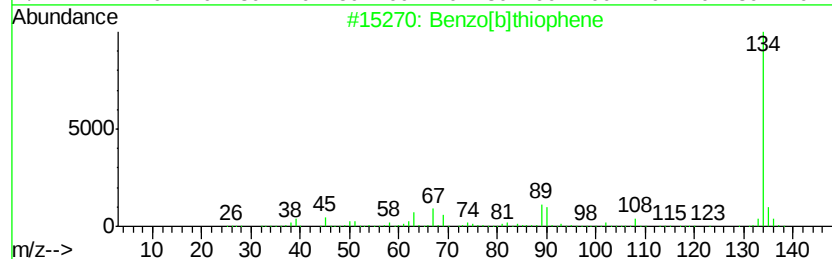
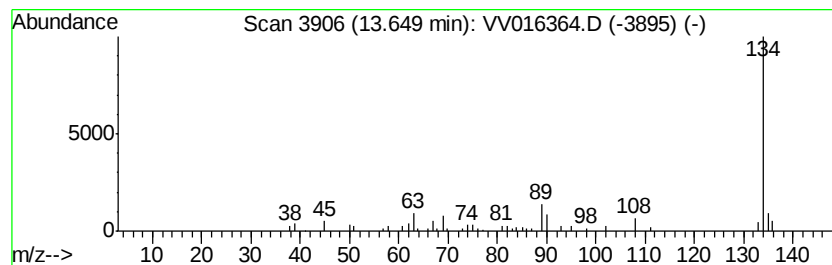
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Benzo[b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	0.77 ug/L	40493	1,4-Dichlorobenzene-d4	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	97
3			Benzo[c]thiophene	134	C8H6S	000270-82-6	95
4			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016364.D
Acq On : 30 May 2020 17:01
Operator : SY/MD
Sample : L2662-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B37

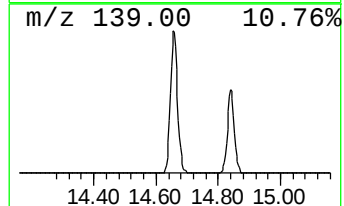
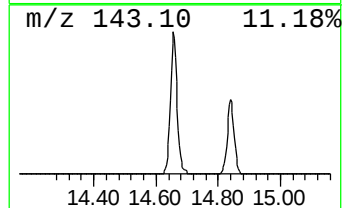
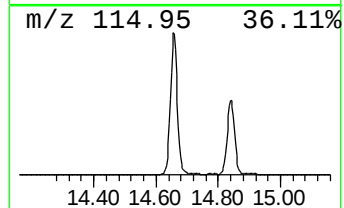
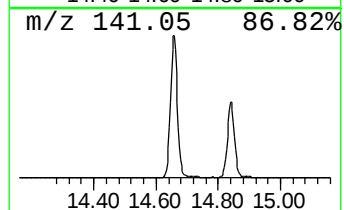
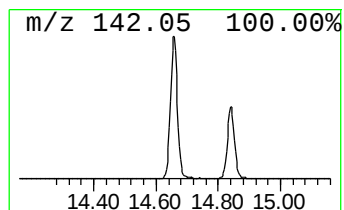
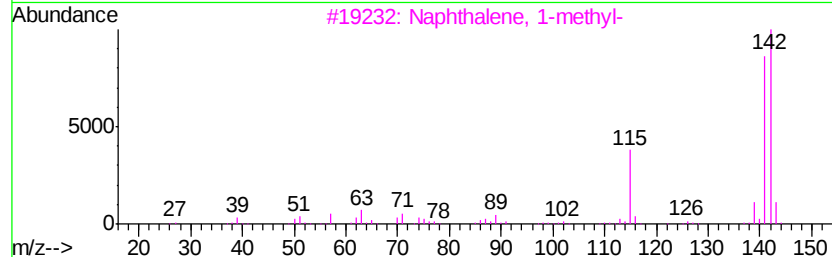
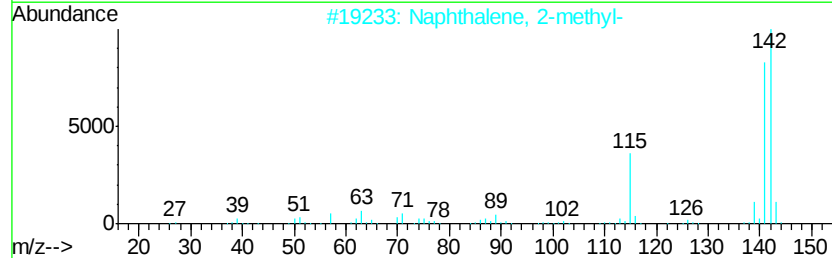
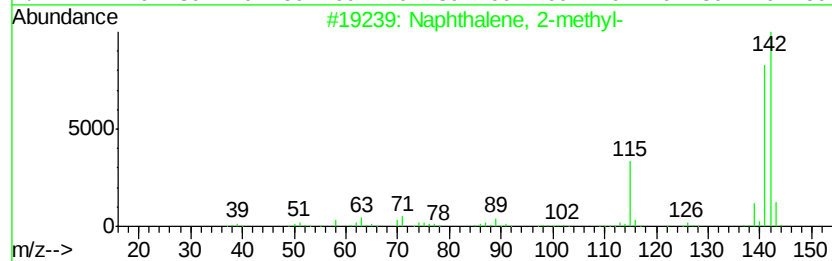
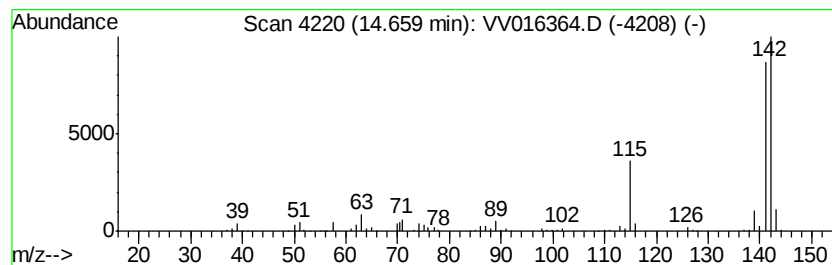
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	5.40 ug/L	284707	1,4-Dichlorobenzene-d4	11.27

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		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016364.D
Acq On : 30 May 2020 17:01
Operator : SY/MD
Sample : L2662-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

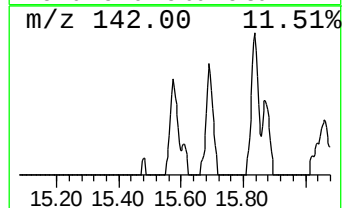
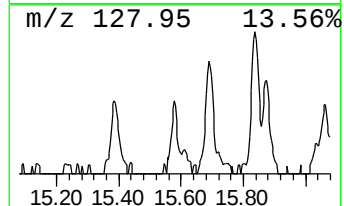
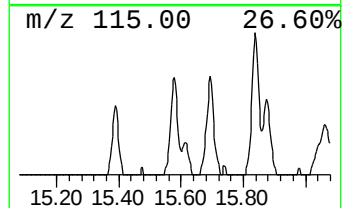
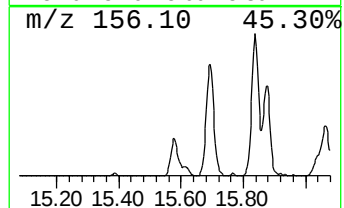
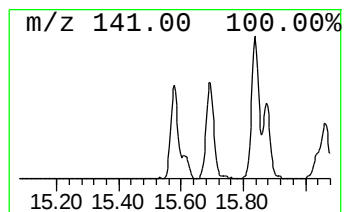
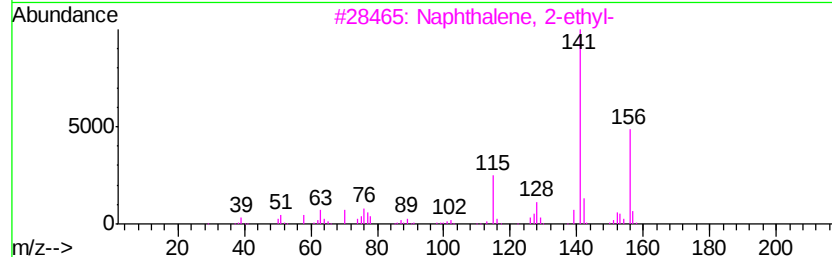
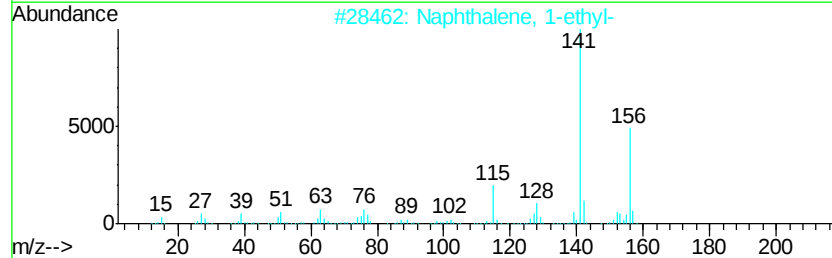
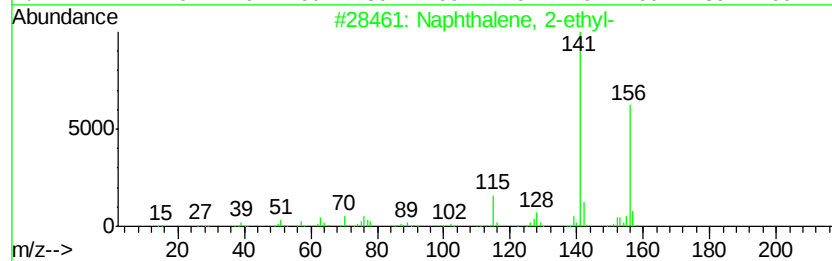
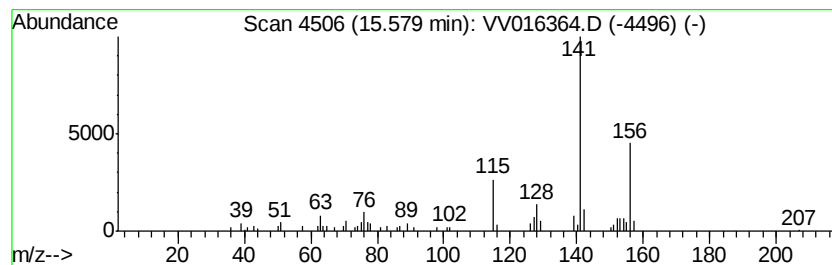
Instrument :
MSVOA_V
ClientSampleId :
F9B37

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Naphthalene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	0.64 ug/L	33886	1,4-Dichlorobenzene-d4	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
4		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 93
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016364.D
Acq On : 30 May 2020 17:01
Operator : SY/MD
Sample : L2662-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B37

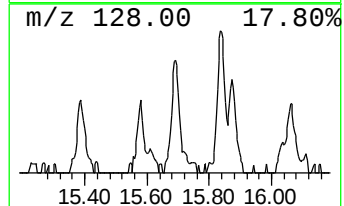
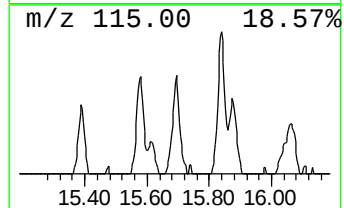
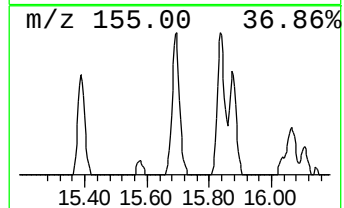
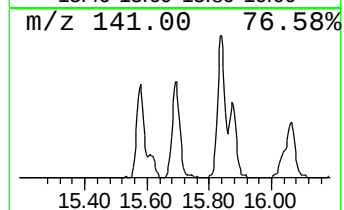
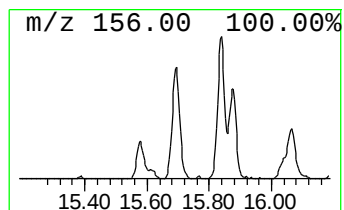
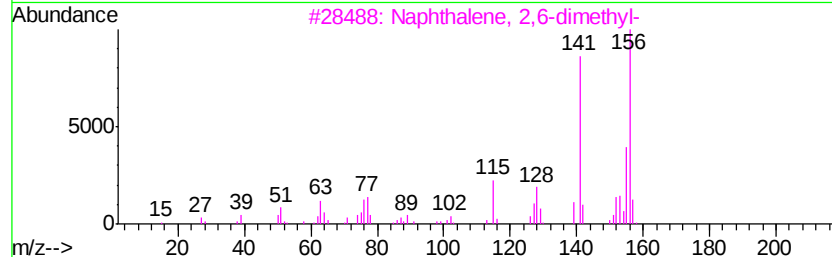
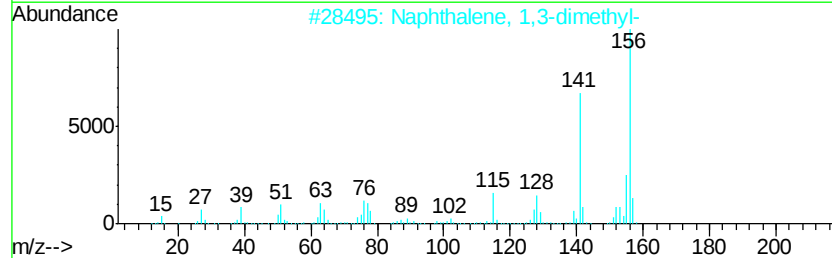
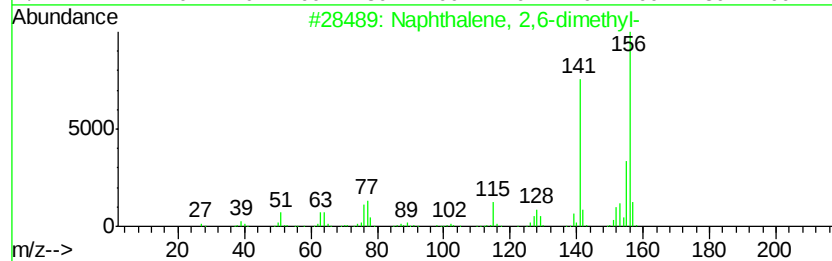
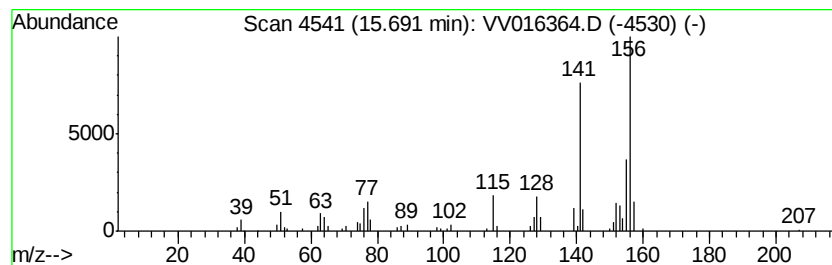
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	1.18 ug/L	62248	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016364.D
Acq On : 30 May 2020 17:01
Operator : SY/MD
Sample : L2662-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
F9B37

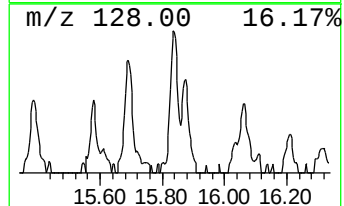
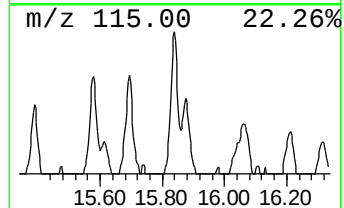
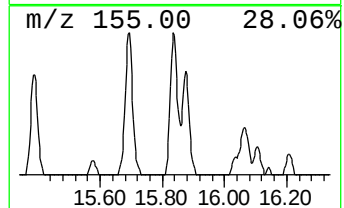
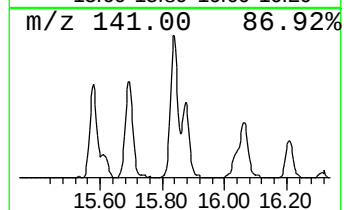
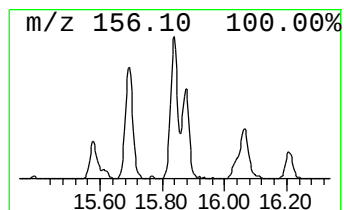
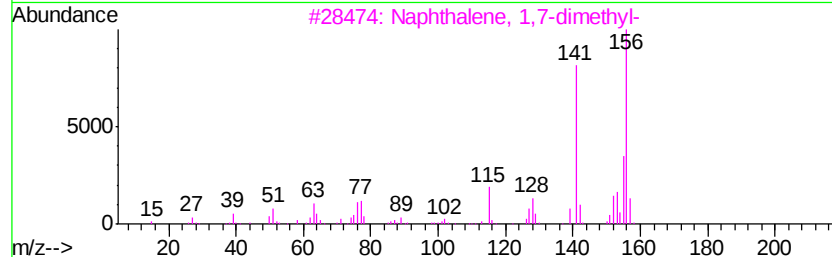
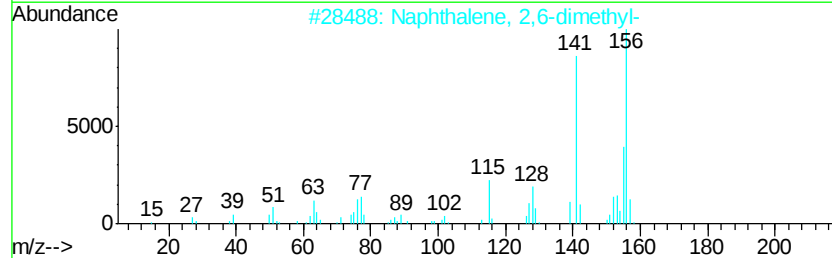
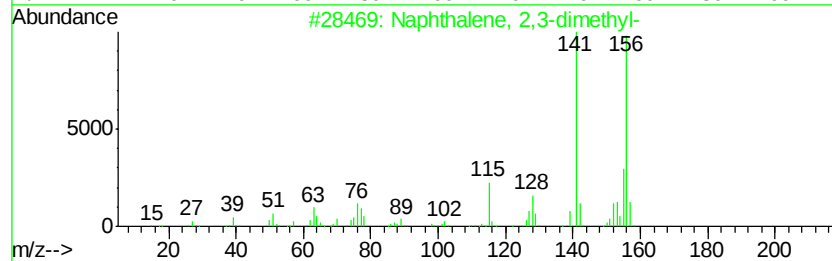
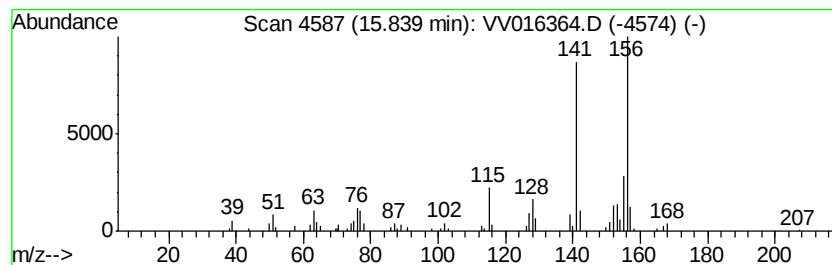
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	1.49 ug/L	78378	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016364.D
Acq On : 30 May 2020 17:01
Operator : SY/MD
Sample : L2662-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B37

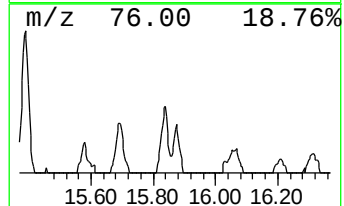
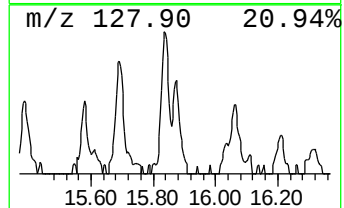
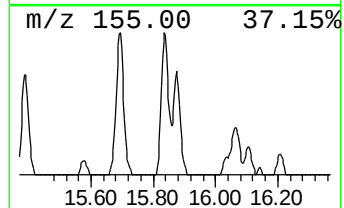
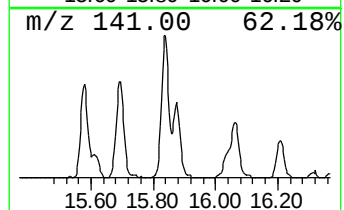
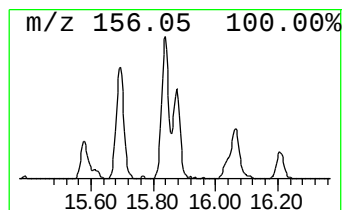
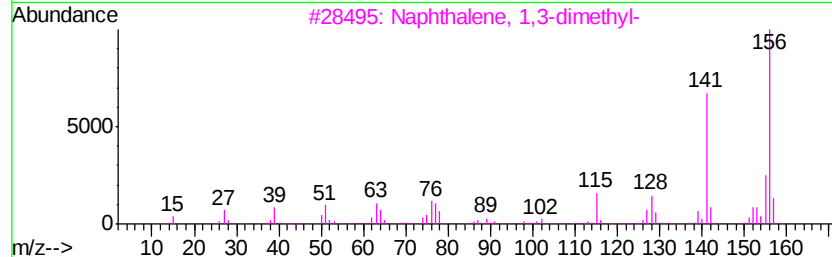
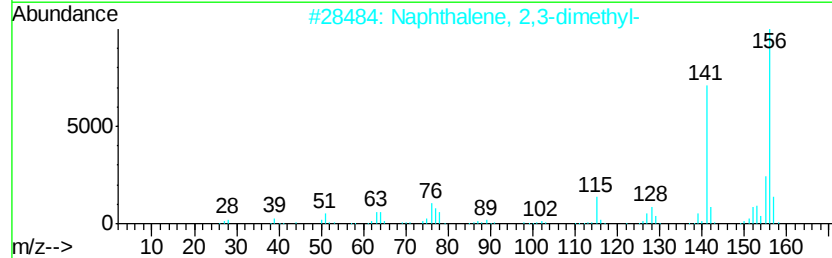
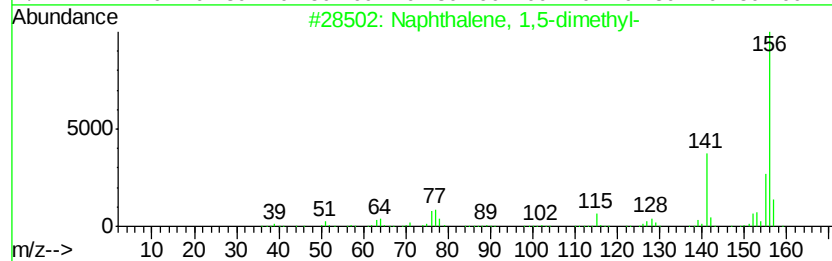
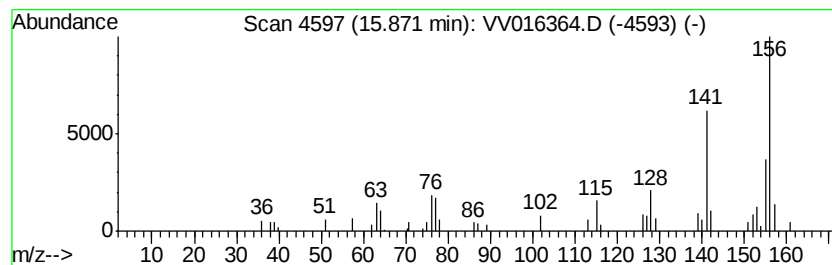
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	0.78 ug/L	40874	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016364.D
Acq On : 30 May 2020 17:01
Operator : SY/MD
Sample : L2662-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B37

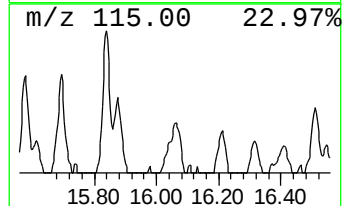
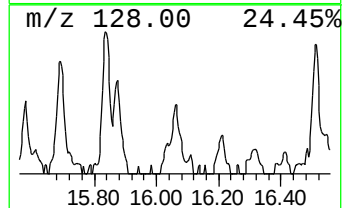
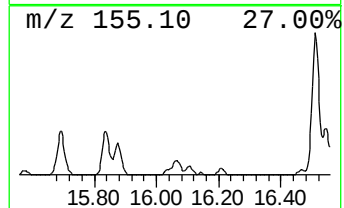
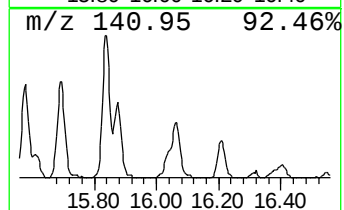
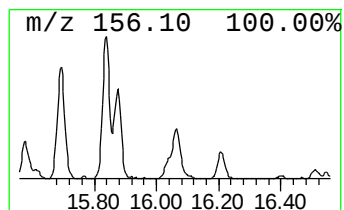
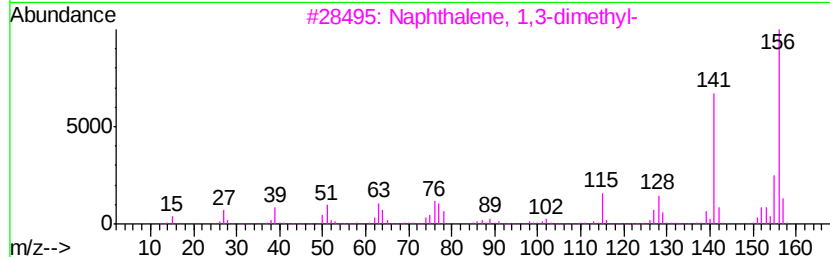
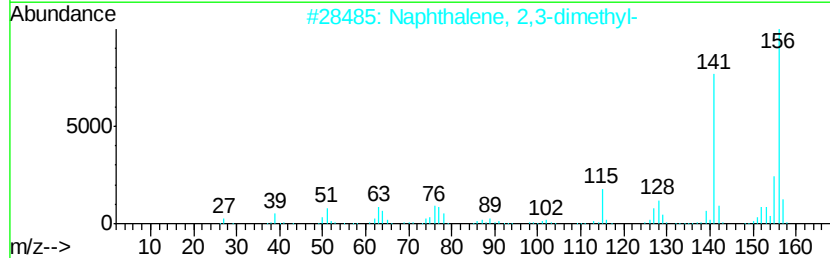
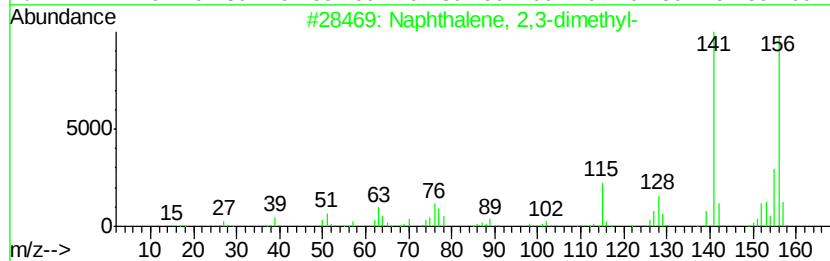
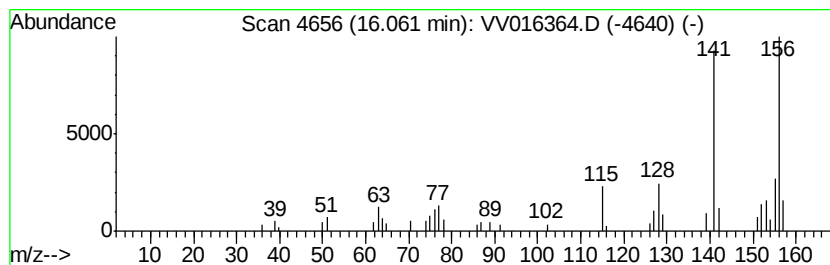
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	0.74 ug/L	38782	1,4-Dichlorobenzene-d4	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016364.D
Acq On : 30 May 2020 17:01
Operator : SY/MD
Sample : L2662-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B37

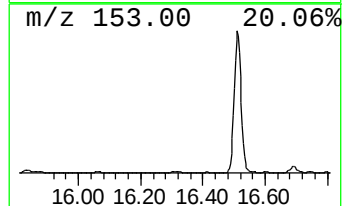
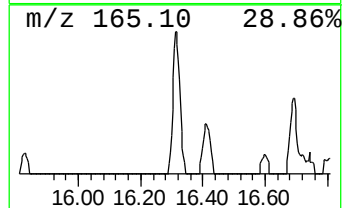
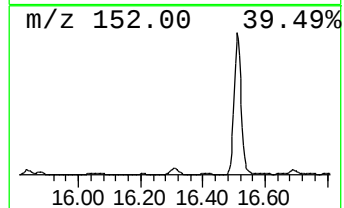
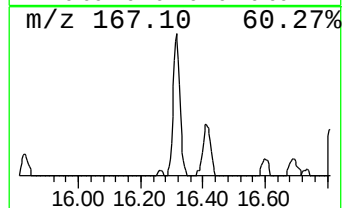
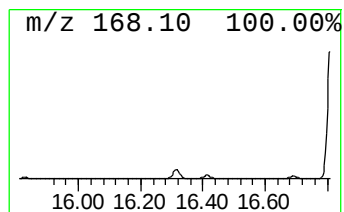
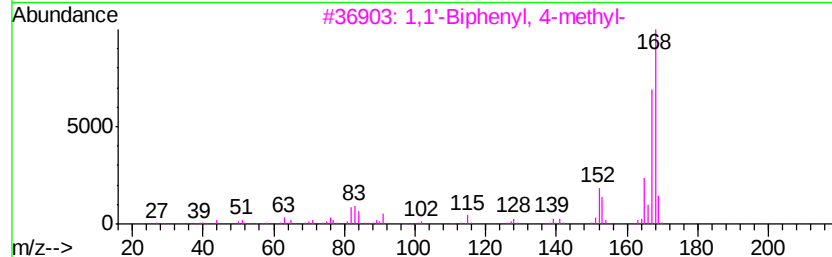
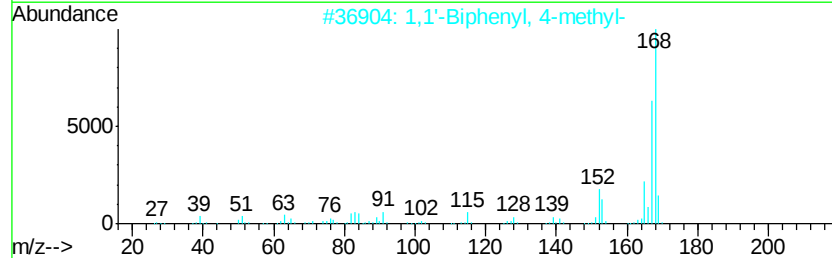
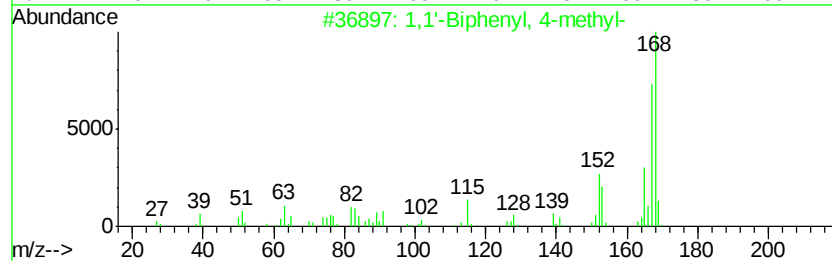
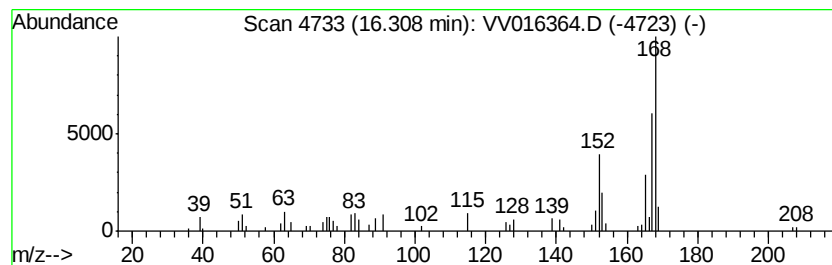
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 13 1,1'-Biphenyl, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	0.72 ug/L	37799	1,4-Dichlorobenzene-d4	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	96
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
3			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
4			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	94
5			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016364.D
Acq On : 30 May 2020 17:01
Operator : SY/MD
Sample : L2662-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B37

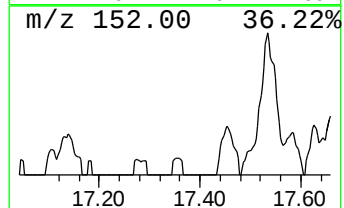
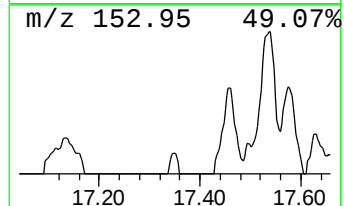
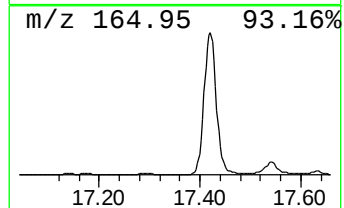
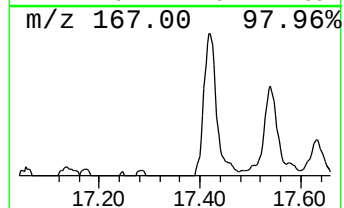
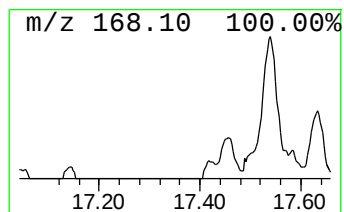
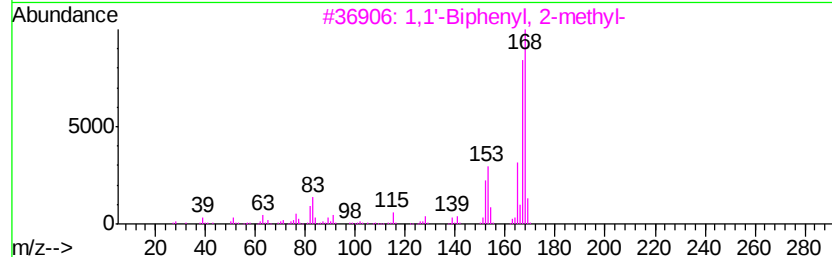
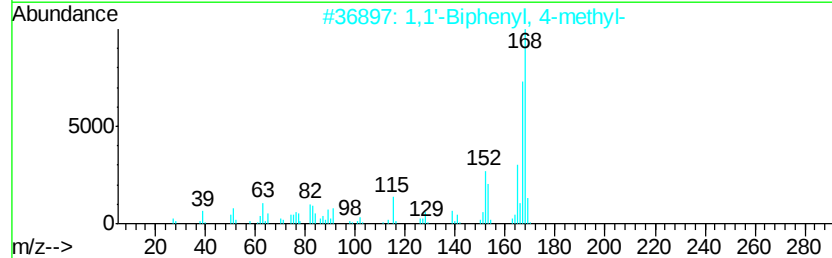
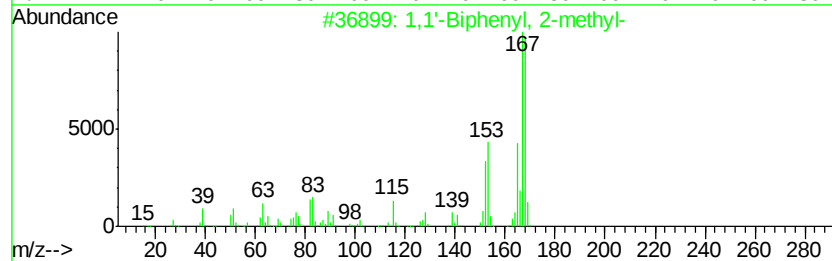
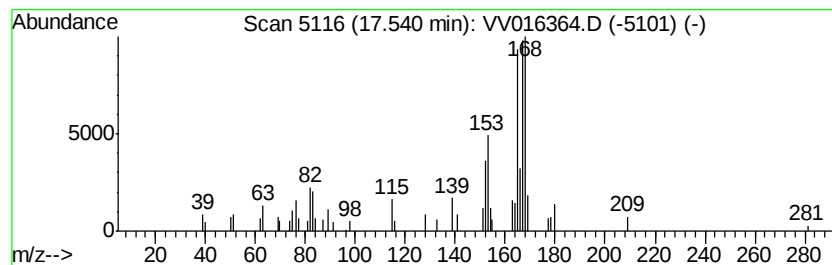
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 17 1,1'-Biphenyl, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	0.61 ug/L	32119	1,4-Dichlorobenzene-d4	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	86
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	60
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
4			Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	55
5			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053020\
Data File : VV016364.D
Acq On : 30 May 2020 17:01
Operator : SY/MD
Sample : L2662-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.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
Indane	11.55	1.9	ug/L	101430	3	11.27	263491	5.0
Benzo[b]thiophene	13.65	0.8	ug/L	40493	3	11.27	263491	5.0
Naphthalene, 1-me...	14.66	5.4	ug/L	284707	3	11.27	263491	5.0
Naphthalene, 2-et...	15.58	0.6	ug/L	33886	3	11.27	263491	5.0
Naphthalene, 2,6-...	15.69	1.2	ug/L	62248	3	11.27	263491	5.0
Naphthalene, 2,3-...	15.84	1.5	ug/L	78378	3	11.27	263491	5.0
Naphthalene, 1,5-...	15.87	0.8	ug/L	40874	3	11.27	263491	5.0
Naphthalene, 1,3-...	16.06	0.7	ug/L	38782	3	11.27	263491	5.0
1,1'-Biphenyl, 4-...	16.31	0.7	ug/L	37799	3	11.27	263491	5.0
1,1'-Biphenyl, 2-...	17.54	0.6	ug/L	32119	3	11.27	263491	5.0