

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
 Data File : VV016142.D
 Acq On : 20 May 2020 19:20
 Operator : SY/MD
 Sample : L2725-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B28

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\SOMVTR050720WMA.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	1.219	26	40	59	RBV4	15664	50559	4.00%	0.706%
2	1.315	63	70	82	RVB	59765	67053	5.31%	0.936%
3	1.457	103	114	144	RBV2	54733	240485	19.04%	3.357%
4	1.579	146	152	164	RVB	62281	81957	6.49%	1.144%
5	2.126	311	322	340	RBV	107035	158972	12.59%	2.219%
6	3.913	865	878	909	RVB	72847	219480	17.38%	3.064%
7	4.380	1004	1023	1050	RVB	87650	224488	17.78%	3.134%
8	5.077	1223	1240	1267	RBV2	202984	510651	40.44%	7.129%
9	5.643	1400	1416	1438	RVB	191254	386854	30.63%	5.401%
10	6.097	1543	1557	1583	RVB	122831	251245	19.89%	3.508%
11	7.010	1830	1841	1862	RBV2	49298	90962	7.20%	1.270%
12	7.341	1929	1944	1963	RVB	244869	426039	33.74%	5.948%
13	7.646	2029	2039	2057	RVB	26995	49562	3.92%	0.692%
14	8.113	2170	2184	2215	RVB	329555	608678	48.20%	8.498%
15	8.875	2408	2421	2446	RVB	298044	484830	38.39%	6.769%
16	10.238	2834	2845	2860	RVB	91632	142414	11.28%	1.988%
17	11.270	3154	3166	3189	RVB	321663	497070	39.36%	6.940%
18	11.550	3244	3253	3268	RBV3	18703	29099	2.30%	0.406%
19	11.646	3272	3283	3302	RVV	257565	405024	32.07%	5.655%
20	13.524	3847	3867	3897	RVB	795519	1262882	100.00%	17.631%
21	13.646	3897	3905	3915	RVB2	19294	30155	2.39%	0.421%
22	14.659	4209	4220	4234	RVB	38624	63187	5.00%	0.882%
23	14.842	4262	4277	4289	RVB	36738	58324	4.62%	0.814%
24	15.389	4436	4447	4460	RBV2	33416	53407	4.23%	0.746%
25	15.579	4498	4506	4514	RBV3	12140	19207	1.52%	0.268%
26	15.694	4529	4542	4551	RBV3	18983	32738	2.59%	0.457%
27	15.836	4577	4586	4593	RBV3	25325	41364	3.28%	0.577%
28	15.878	4595	4599	4612	RVB3	12355	16333	1.29%	0.228%
29	16.064	4651	4657	4666	RVB3	8456	13275	1.05%	0.185%
30	16.308	4720	4733	4749	RBV5	14402	31042	2.46%	0.433%
31	16.511	4785	4796	4815	RVB	136980	235265	18.63%	3.285%
32	16.813	4879	4890	4906	RVB	107438	179452	14.21%	2.505%
33	17.418	5067	5078	5089	RBV2	106056	175436	13.89%	2.449%
34	17.537	5106	5115	5124	RBV9	12715	25366	2.01%	0.354%

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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\SOMVTR050720WMA.M
Title : TRACE VOA SOM01.0

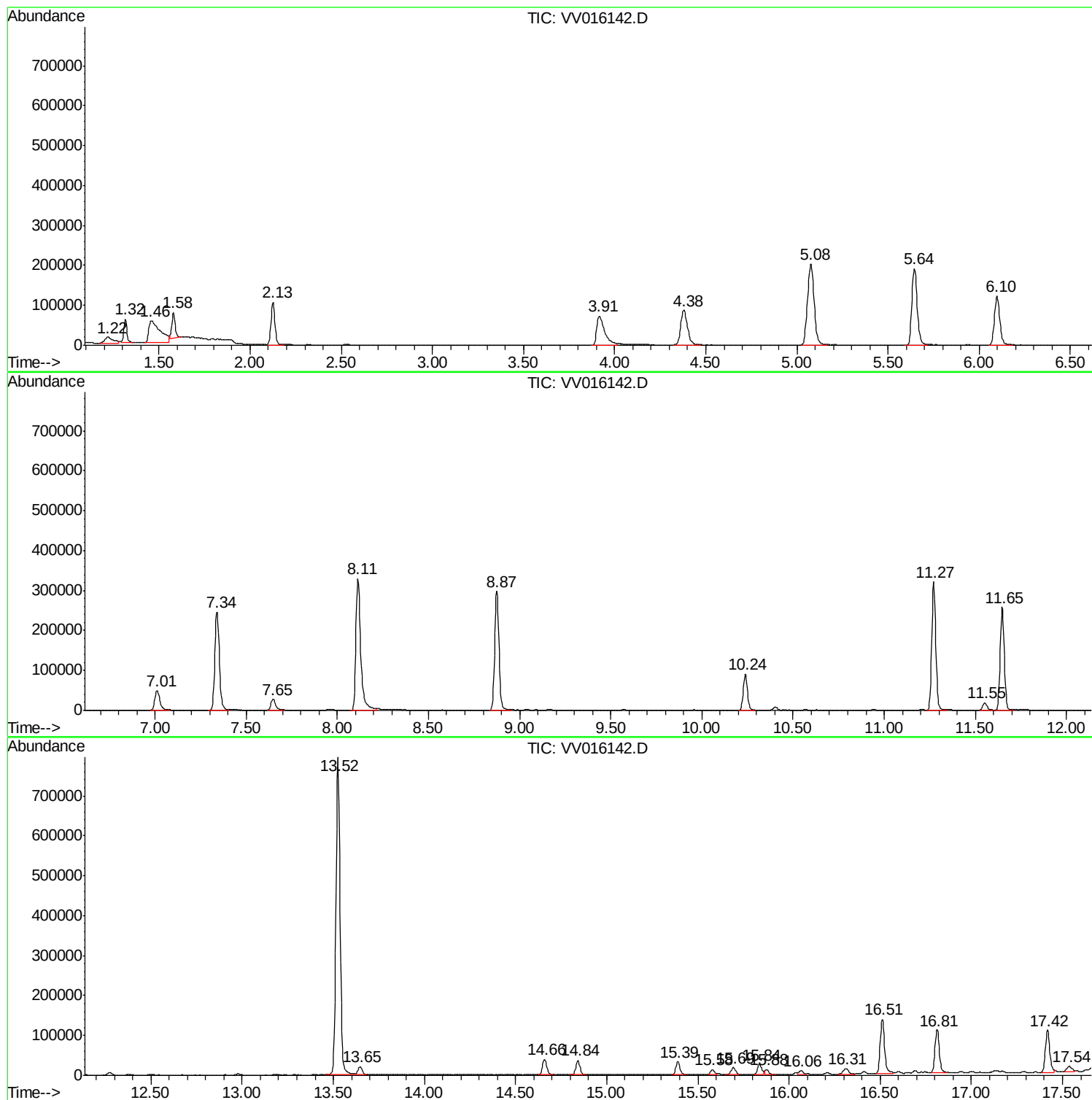
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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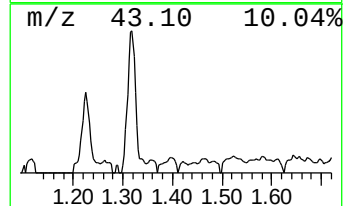
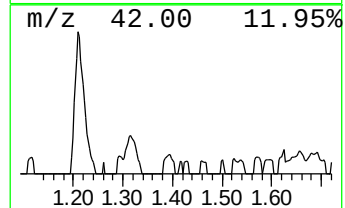
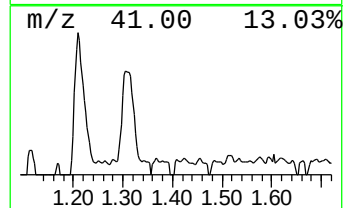
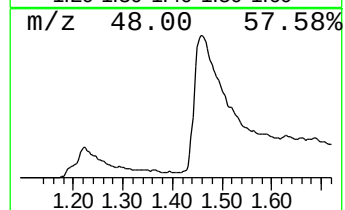
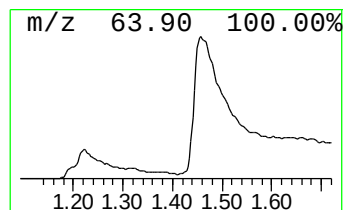
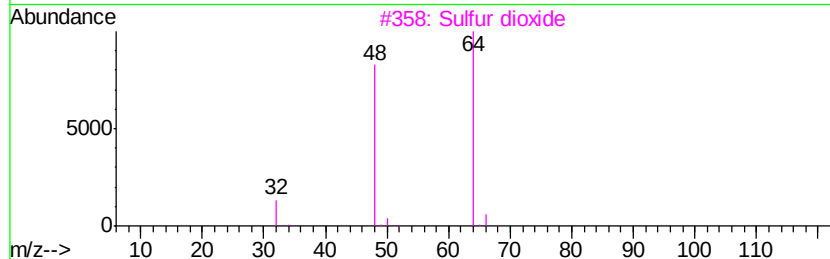
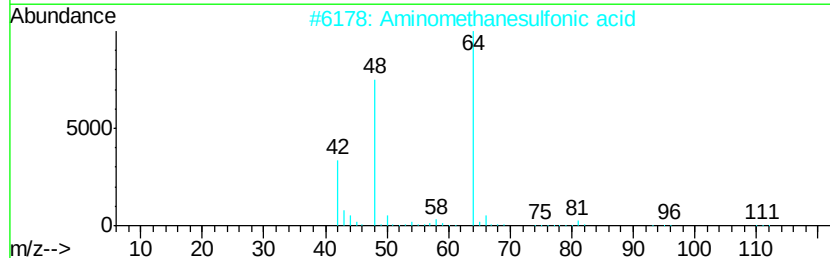
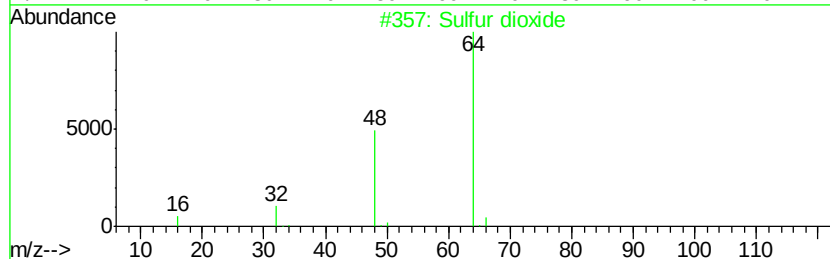
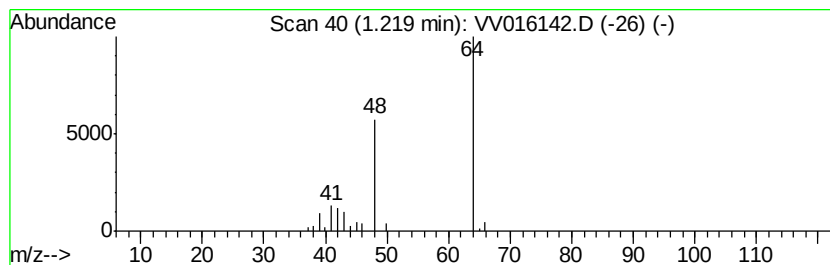
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Aminomethanesulfonic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	0.65 ug/L	50559	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	86
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3		Sulfur dioxide	64	O2S	007446-09-5	64
4		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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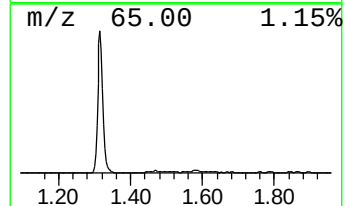
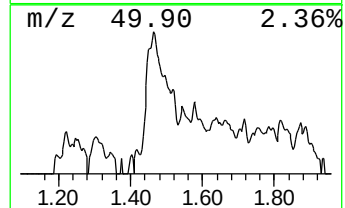
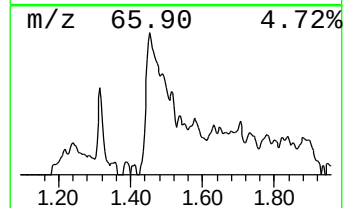
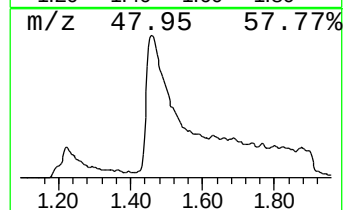
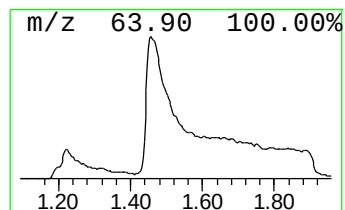
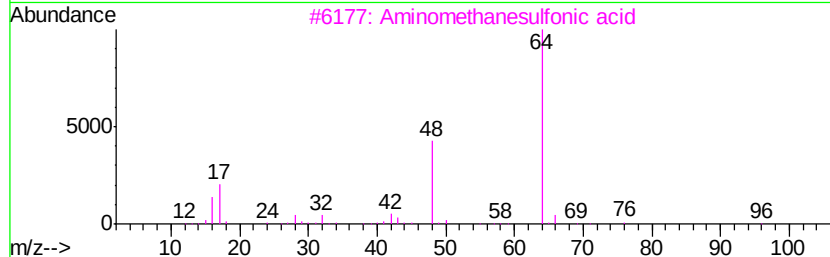
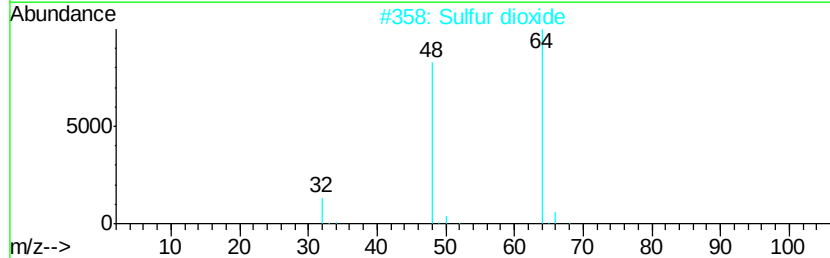
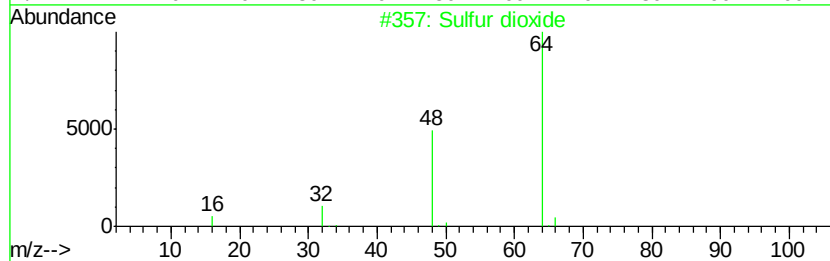
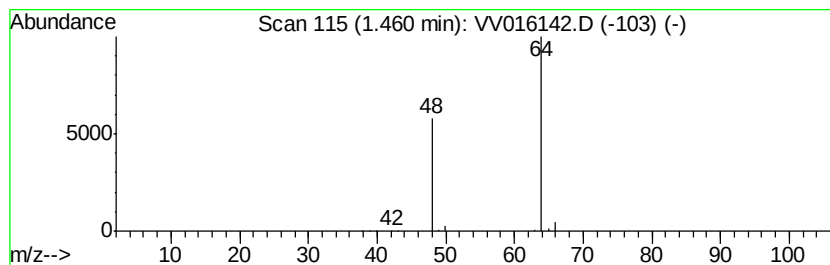
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.46	3.11 ug/L	240485	1,4-Difluorobenzene	5.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	90
2	Sulfur dioxide	64 02S	007446-09-5	83
3	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	74
4	L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8	9
5	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9



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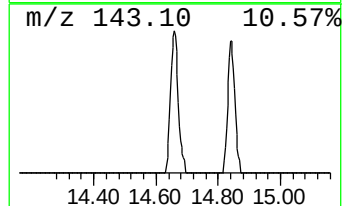
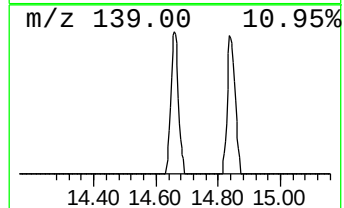
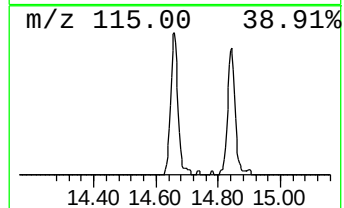
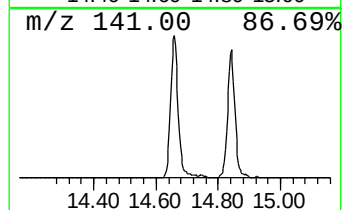
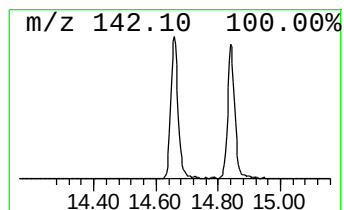
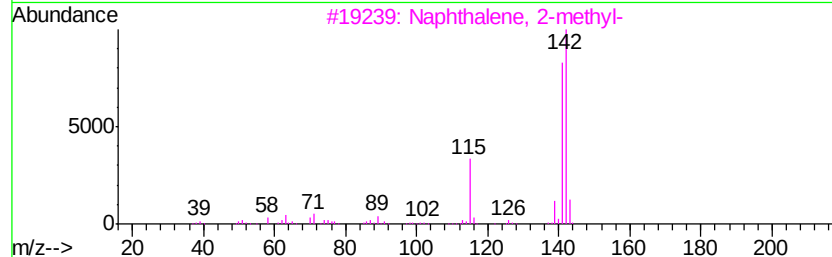
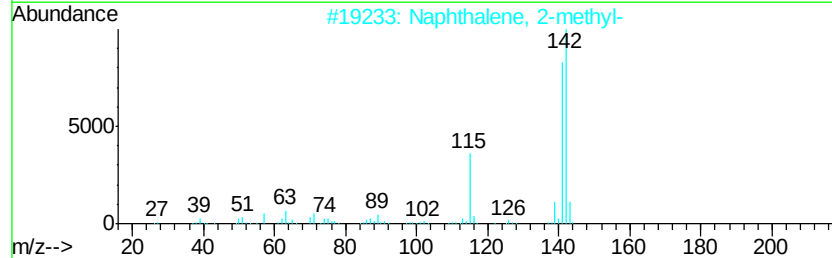
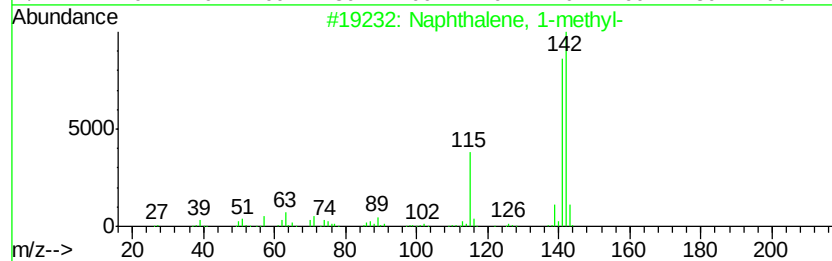
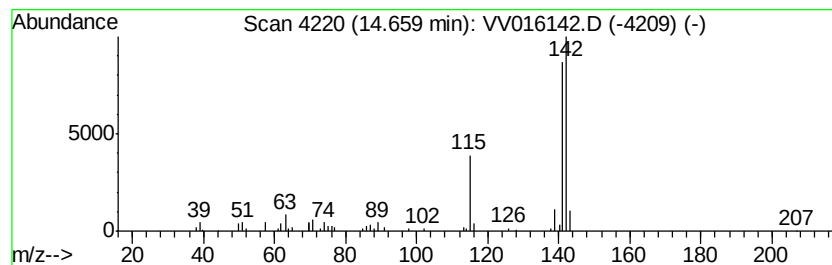
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	0.64 ug/L	63187	1,4-Dichlorobenzene-d4	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4			Benzocycloheptatriene	142	C11H10	000264-09-5	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



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ALS Vial : 21 Sample Multiplier: 1

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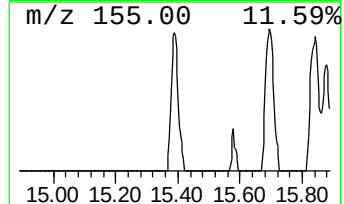
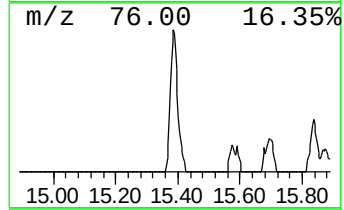
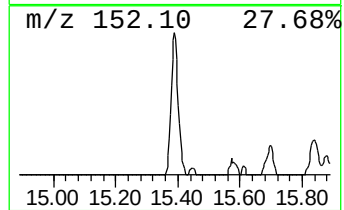
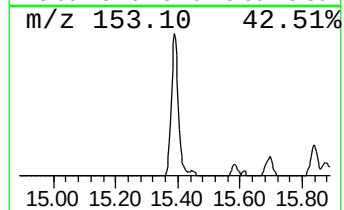
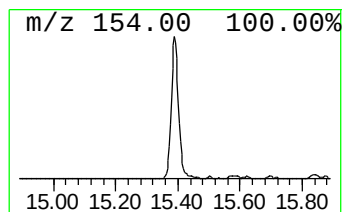
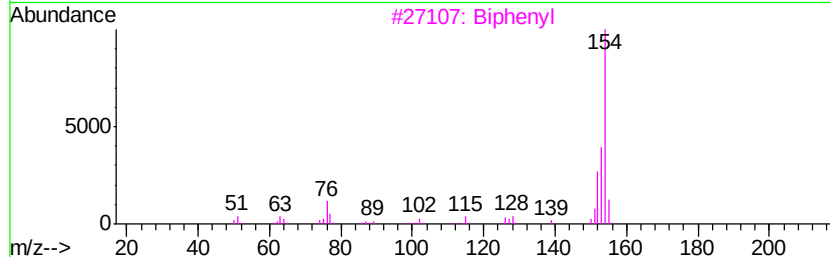
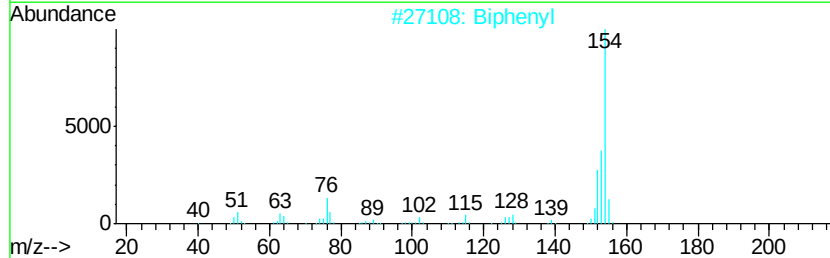
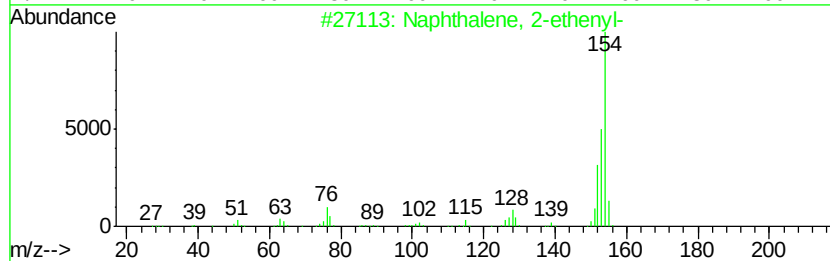
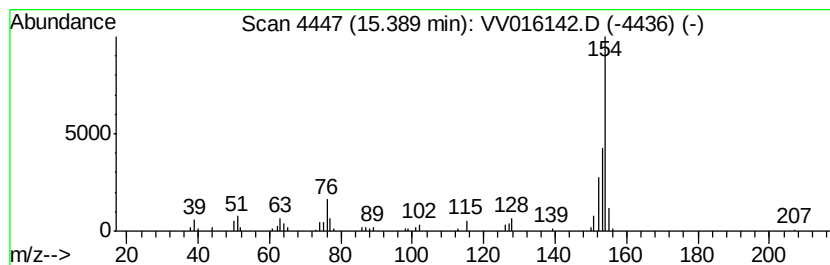
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Naphthalene, 2-ethenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	0.54 ug/L	53407	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	95
2		Biphenyl	154	C12H10	000092-52-4	94
3		Biphenyl	154	C12H10	000092-52-4	93
4		Biphenyl	154	C12H10	000092-52-4	76
5		Biphenyl	154	C12H10	000092-52-4	52



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Aminomethanesulfo...	1.22	0.7	ug/L	50559	1	5.64	386854	5.0
Sulfur dioxide	1.46	3.1	ug/L	240485	1	5.64	386854	5.0
Naphthalene, 1-me...	14.66	0.6	ug/L	63187	3	11.27	497070	5.0
Naphthalene, 2-et...	15.39	0.5	ug/L	53407	3	11.27	497070	5.0