LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
Data File : VV015974.D
Acq On : 08 May 2020 18:41
Operator : SY/MD
Sample : L2520-15
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4221

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.142	10	16	26	rVB	28744	28224	5.65%	0.598%
2	1.219	33	40	62	rBV	20873	49526	9.92%	1.049%
3	1.315	63	70	76	rBV	53145	54167	10.85%	1.147%
4	1.393	77	94	97	rBV	22392	64047	12.83%	1.357%
5	1.579	145	152	162	rVB	55368	61721	12.36%	1.307%
6	2.122	311	321	338	rVB	103692	157188	31.48%	3.329%
7	3.926	870	882	913	rBV3	64698	224690	45.00%	4.759%
8	4.380	1005	1023	1046	rBV	80338	208089	41.68%	4.408%
9	5.074	1221	1239	1266	rBV2	185949	471052	94.35%	9.977%
10	5.643	1404	1416	1442	rBV	173690	355405	71.19%	7.528%
11	5.939	1496	1508	1533	rBV2	99881	202075	40.47%	4.280%
12	6.097	1542	1557	1583	rBV	112015	234771	47.02%	4.973%
13	7.010	1829	1841	1862	rBV2	49420	93209	18.67%	1.974%
14	7.338	1931	1943	1962	rBV	223408	394727	79.06%	8.361%
15	7.643	2029	2038	2056	rBV	30080	53582	10.73%	1.135%
16	7.997	2137	2148	2168	rVB	111240	186728	37.40%	3.955%
17	8.113	2174	2184	2223	rBV	238785	499262	100.00%	10.575%
18	8.875	2408	2421	2448	rBV	280283	456951	91.53%	9.679%
19	10.238	2832	2845	2863	rBV	78608	123896	24.82%	2.624%
20	11.270	3153	3166	3189	rBV	275459	429858	86.10%	9.105%
21	11.563	3247	3257	3272	rBV7	3655	8492	1.70%	0.180%
22	11.646	3272	3283	3300	rVV	228543	363540	72.82%	7.700%

Sum of corrected areas: 4721200

LSC Report - Integrated Chromatogram

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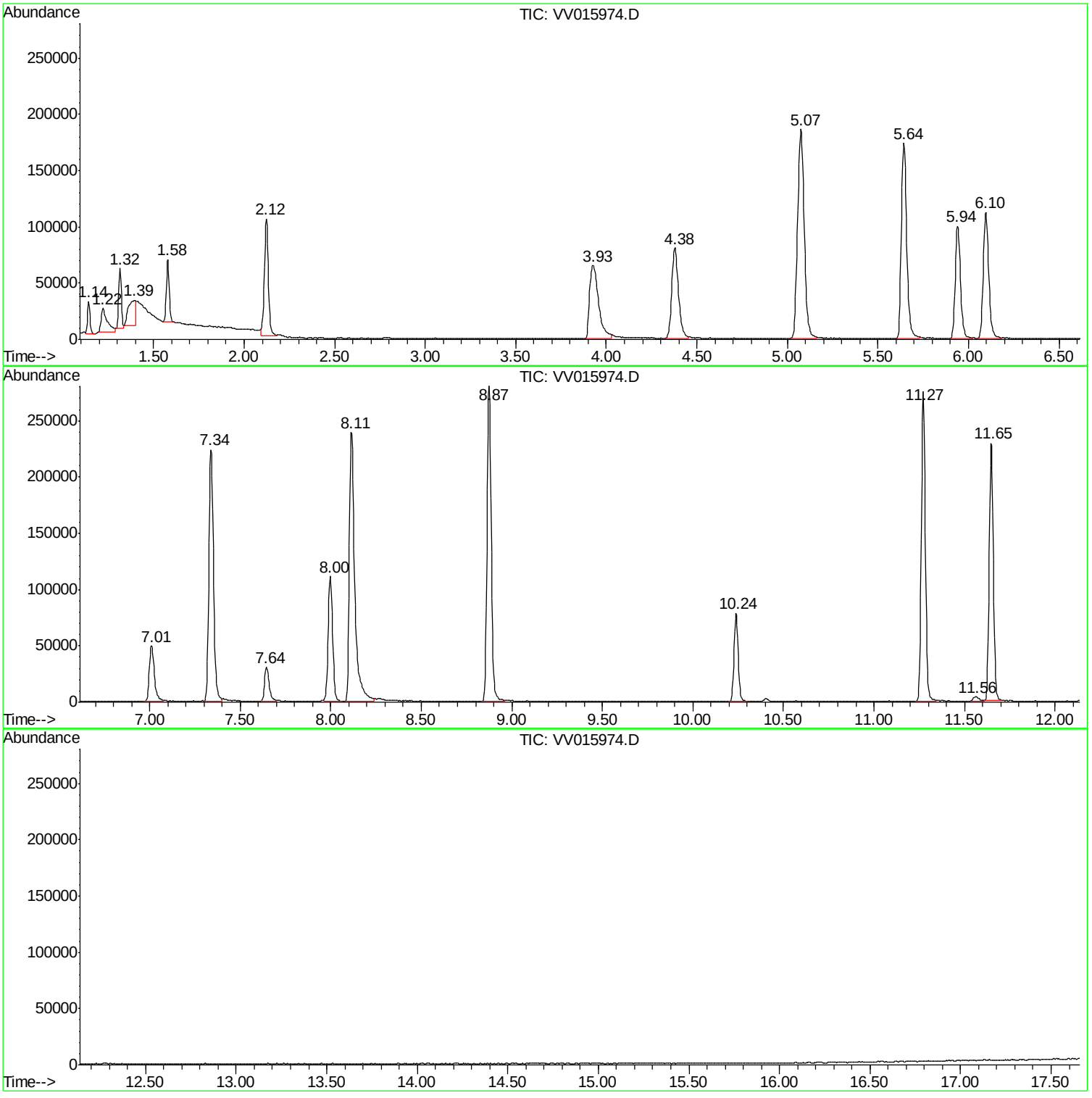
Instrument : MSVOA_V
ClientSampleId : H4221

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

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050820\
Data File : VV015974.D
Acq On : 08 May 2020 18:41
Operator : SY/MD
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Instrument : MSVOA_V
ClientSampleId : H4221

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

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

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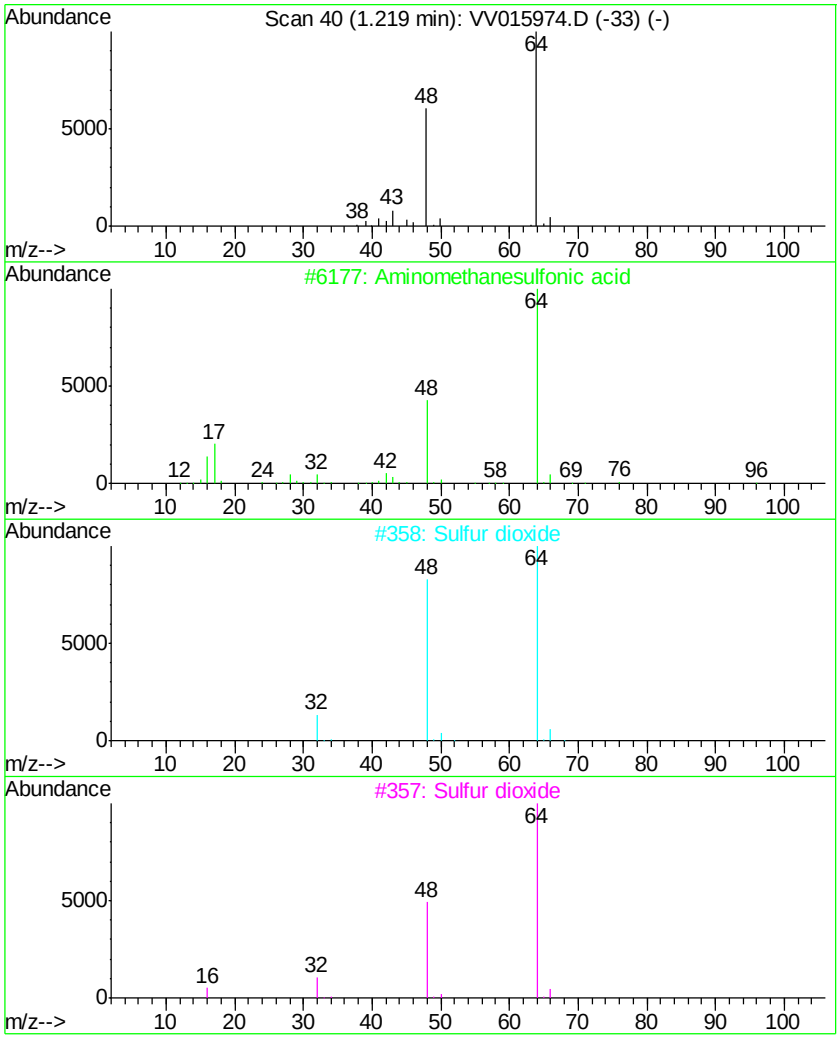
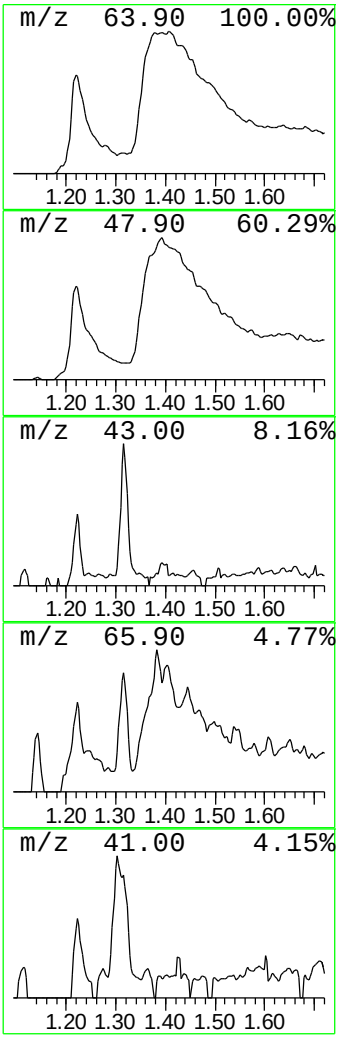
Peak Number 1 Aminomethanesulfonic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	0.70 ug/L	49526	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Sulfur dioxide	64	O2S	007446-09-5	83
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	74
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050820\
Data File : VV015974.D
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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4221

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

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

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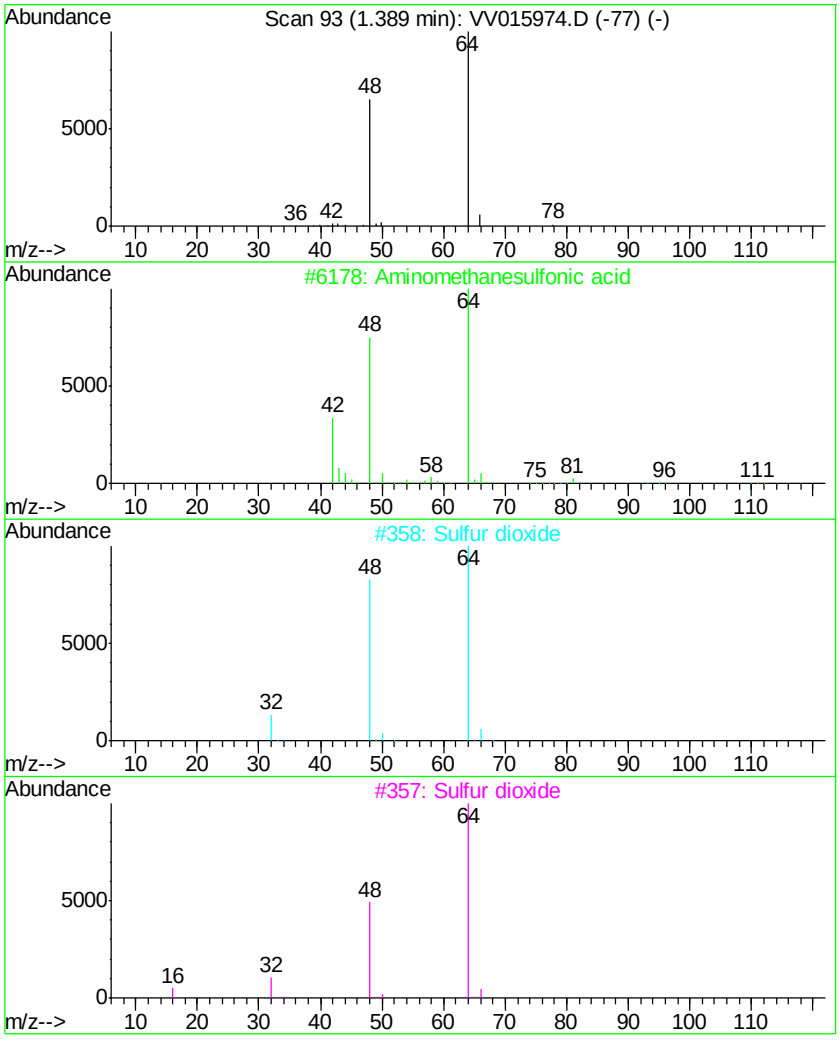
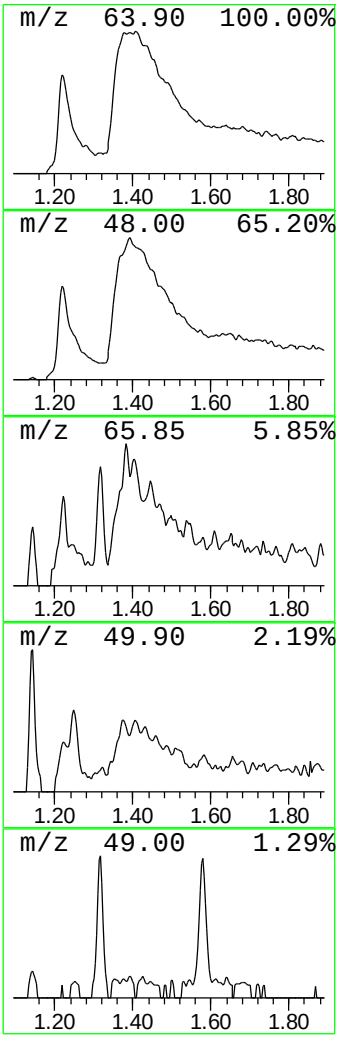
Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.39	0.90 ug/L	64047	1,4-Difluorobenzene	5.64

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





Tentatively Identified Compound (LSC) summary

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ClientSampleId : H4221

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Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Aminomethanesulfo...	1.22	0.7	ug/L	49526	1	5.64	355405	5.0
Sulfur dioxide	1.39	0.9	ug/L	64047	1	5.64	355405	5.0