

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071318\
 Data File : VV006607.D
 Acq On : 13 Jul 2018 21:45
 Operator : SY/MD
 Sample : J3983-15
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB195

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\SOMVTR070718WMA.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	1.029	25	43	59	rBV	1902133	2387034	100.00%	19.311%
2	1.205	91	98	125	rBV	728330	1505646	63.08%	12.180%
3	1.321	129	134	165	rVB2	189578	385610	16.15%	3.119%
4	1.517	189	195	202	rBV2	31905	67940	2.85%	0.550%
5	1.575	208	213	225	rVB	105535	125987	5.28%	1.019%
6	2.131	378	386	397	rVB	225279	313534	13.13%	2.536%
7	2.193	399	405	413	rVB	22977	30963	1.30%	0.250%
8	2.321	439	445	459	rVB	29794	44815	1.88%	0.363%
9	2.794	582	592	605	rVB	147669	246819	10.34%	1.997%
10	3.961	933	955	970	rBV2	254718	721945	30.24%	5.840%
11	4.035	970	978	1001	rVB	48863	121240	5.08%	0.981%
12	4.408	1075	1094	1117	rBV	164867	390194	16.35%	3.157%
13	5.099	1291	1309	1341	rBV2	360374	836190	35.03%	6.765%
14	5.668	1471	1486	1508	rBV	336032	651602	27.30%	5.271%
15	5.964	1566	1578	1590	rVB5	12473	24048	1.01%	0.195%
16	6.125	1609	1628	1646	rBV	193302	383810	16.08%	3.105%
17	7.035	1899	1911	1934	rBV	85869	146586	6.14%	1.186%
18	7.366	2000	2014	2030	rBV	418128	716945	30.03%	5.800%
19	7.668	2097	2108	2126	rBV	49314	82090	3.44%	0.664%
20	8.141	2242	2255	2293	rBV	470495	820509	34.37%	6.638%
21	8.900	2473	2491	2520	rBV	479467	771470	32.32%	6.241%
22	10.266	2905	2916	2934	rBV	151565	237091	9.93%	1.918%
23	11.301	3225	3238	3265	rVB	451876	721765	30.24%	5.839%
24	11.678	3343	3355	3378	rVB	398106	627444	26.29%	5.076%

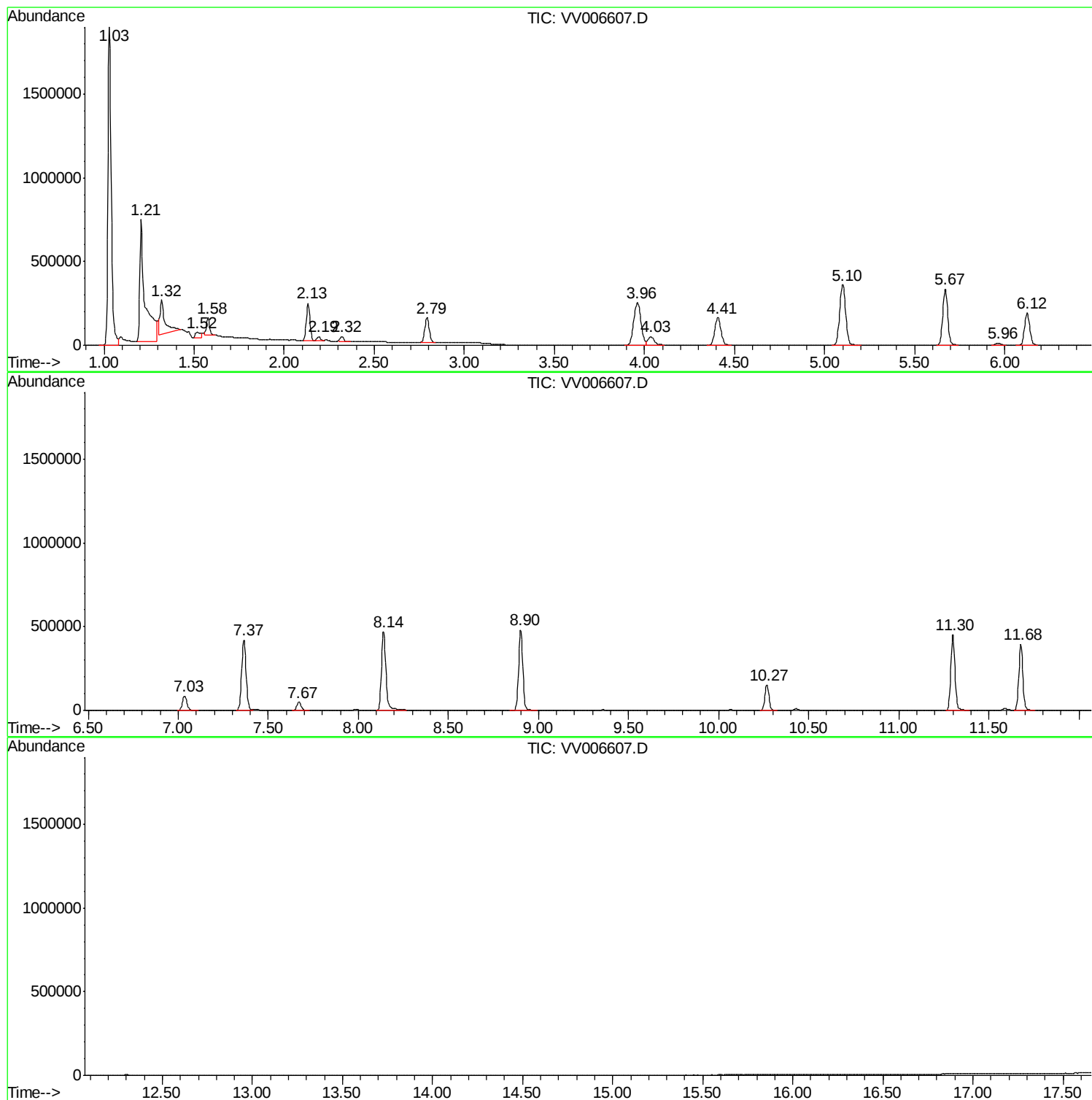
Sum of corrected areas: 12361277

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Quant Title : TRACE VOA SOM01.0

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



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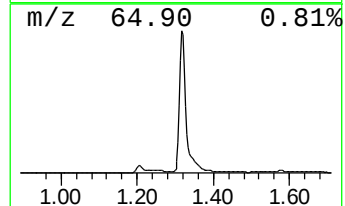
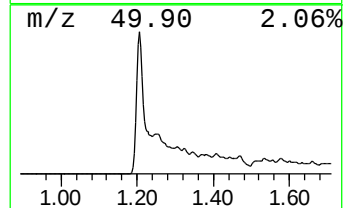
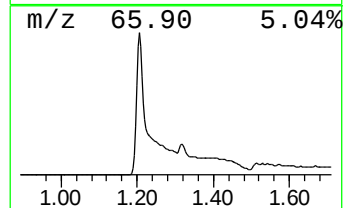
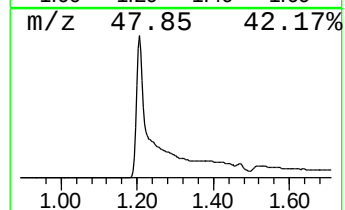
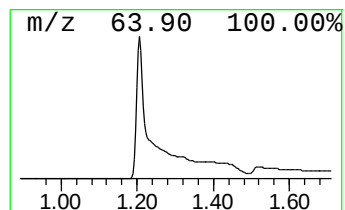
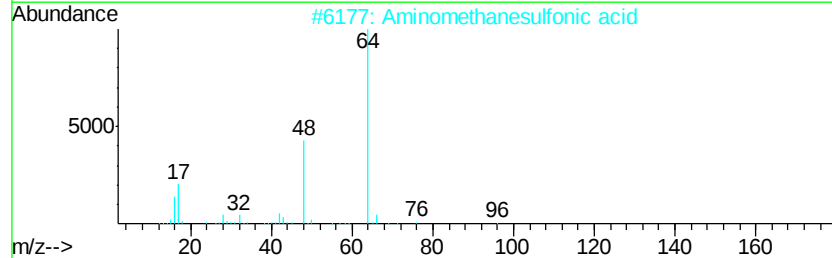
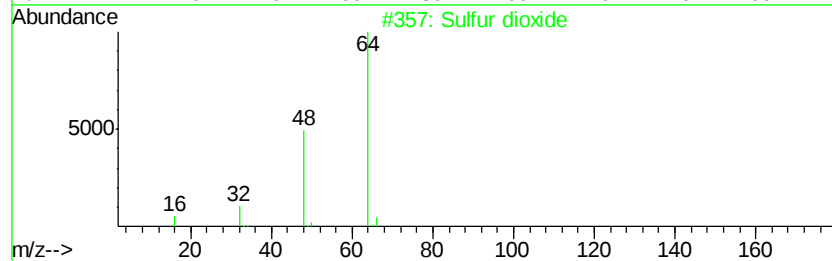
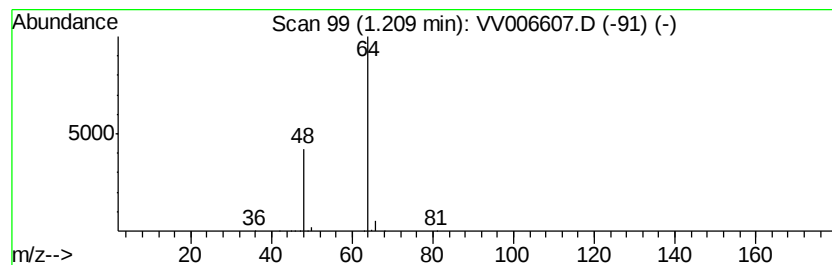
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Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	11.55 ug/L	1505650	1,4-Difluorobenzene	5.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169 C3H7NO5S	000498-40-8	9
4	Sulfur dioxide	64 O2S	007446-09-5	5
5	Ethene, 1,1-difluoro-	64 C2H2F2	000075-38-7	4



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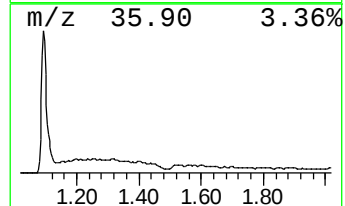
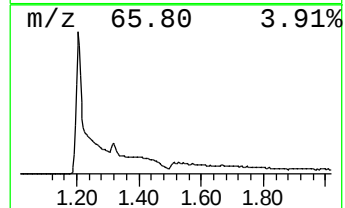
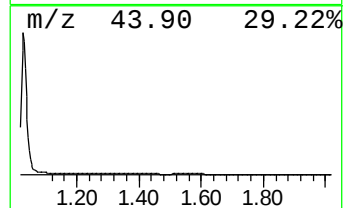
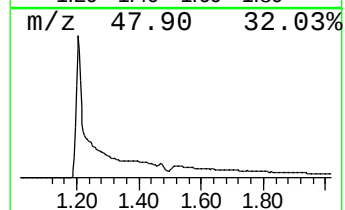
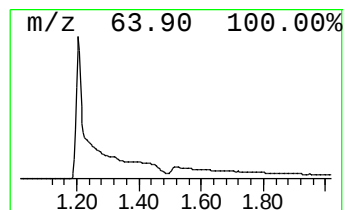
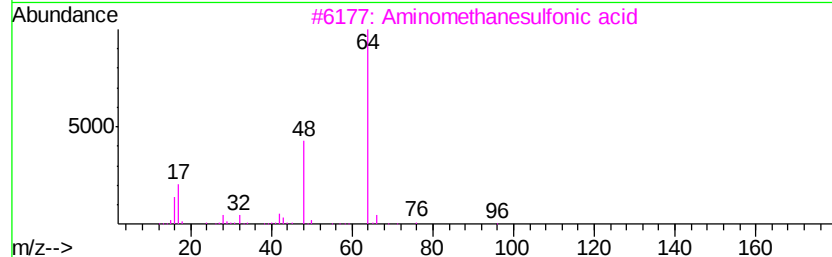
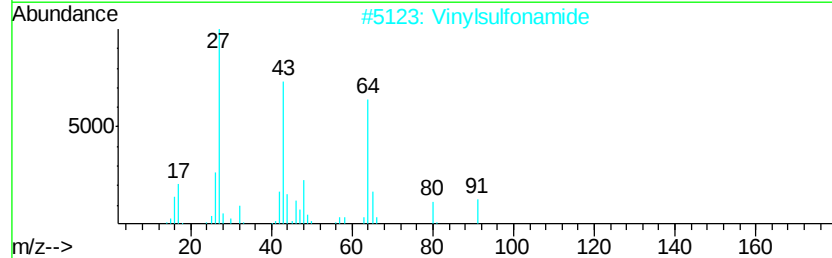
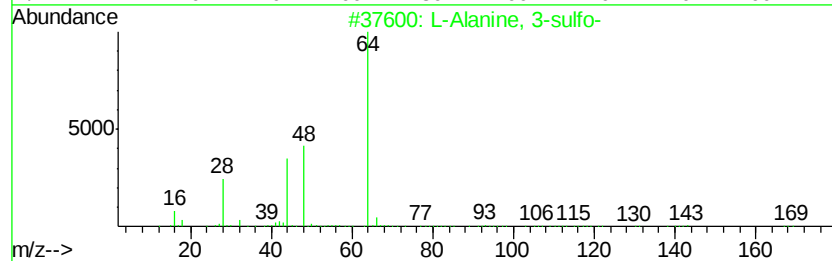
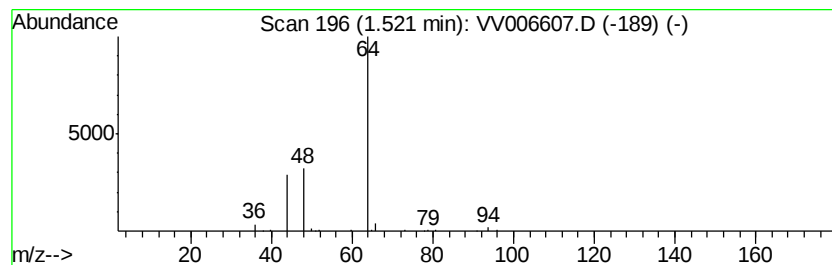
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TIC Integration Parameters: LSCINT.P

Peak Number 3 L-Alanine, 3-sulfo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	0.52 ug/L	67940	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	L-Alanine, 3-sulfo-	169	C3H7N05S	000498-40-8	74
2		Vinylsulfonamide	107	C2H5N02S	002386-58-5	64
3		Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	43
4		2-Aminoethyl hydrogen sulfate	141	C2H7N04S	000926-39-6	43
5		(N-(-2-Acetamido))-2-aminoethane...	182	C4H10N2O4S	007365-82-4	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	11.6	ug/L	1505650	1	5.67	651602	5.0
L-Alanine, 3-sulfo-	1.52	0.5	ug/L	67940	1	5.67	651602	5.0