LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
Data File : VV015735.D
Acq On : 27 Apr 2020 17:33
Operator : SY/MD
Sample : L2413-10DL 5X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKL8DL

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\SOMVTR042220WMA.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	1.116	3	8	24	rVB	73058	70253	10.54%	1.455%
2	1.225	35	42	62	rBV2	22350	54092	8.12%	1.121%
3	1.315	63	70	79	rVB2	61573	68860	10.34%	1.427%
4	1.412	84	100	127	rBV	39713	221475	33.24%	4.588%
5	1.576	145	151	162	rVB	47311	54963	8.25%	1.139%
6	2.119	311	320	336	rVB	86132	135305	20.31%	2.803%
7	2.524	437	446	458	rVB3	8909	15916	2.39%	0.330%
8	2.781	516	526	541	rVB3	6064	11806	1.77%	0.245%
9	3.936	870	885	926	rBV2	233636	666260	100.00%	13.803%
10	4.376	1002	1022	1045	rBV	78125	196588	29.51%	4.073%
11	5.074	1222	1239	1270	rBV2	176889	439516	65.97%	9.106%
12	5.643	1403	1416	1446	rBV	170018	339564	50.97%	7.035%
13	5.942	1497	1509	1524	rVB10	5285	11062	1.66%	0.229%
14	6.096	1543	1557	1584	rBV	106968	222942	33.46%	4.619%
15	7.010	1826	1841	1860	rBV	45411	83814	12.58%	1.736%
16	7.338	1931	1943	1965	rBV	207193	361093	54.20%	7.481%
17	7.646	2027	2039	2055	rBV2	27437	46789	7.02%	0.969%
18	8.112	2172	2184	2216	rBV	262720	514238	77.18%	10.654%
19	8.874	2409	2421	2449	rBV	263602	427014	64.09%	8.847%
20	10.238	2834	2845	2860	rBV	79784	126260	18.95%	2.616%
21	11.270	3155	3166	3188	rBV	264262	409664	61.49%	8.487%
22	11.646	3272	3283	3304	rBV	225047	349347	52.43%	7.238%

Sum of corrected areas: 4826821

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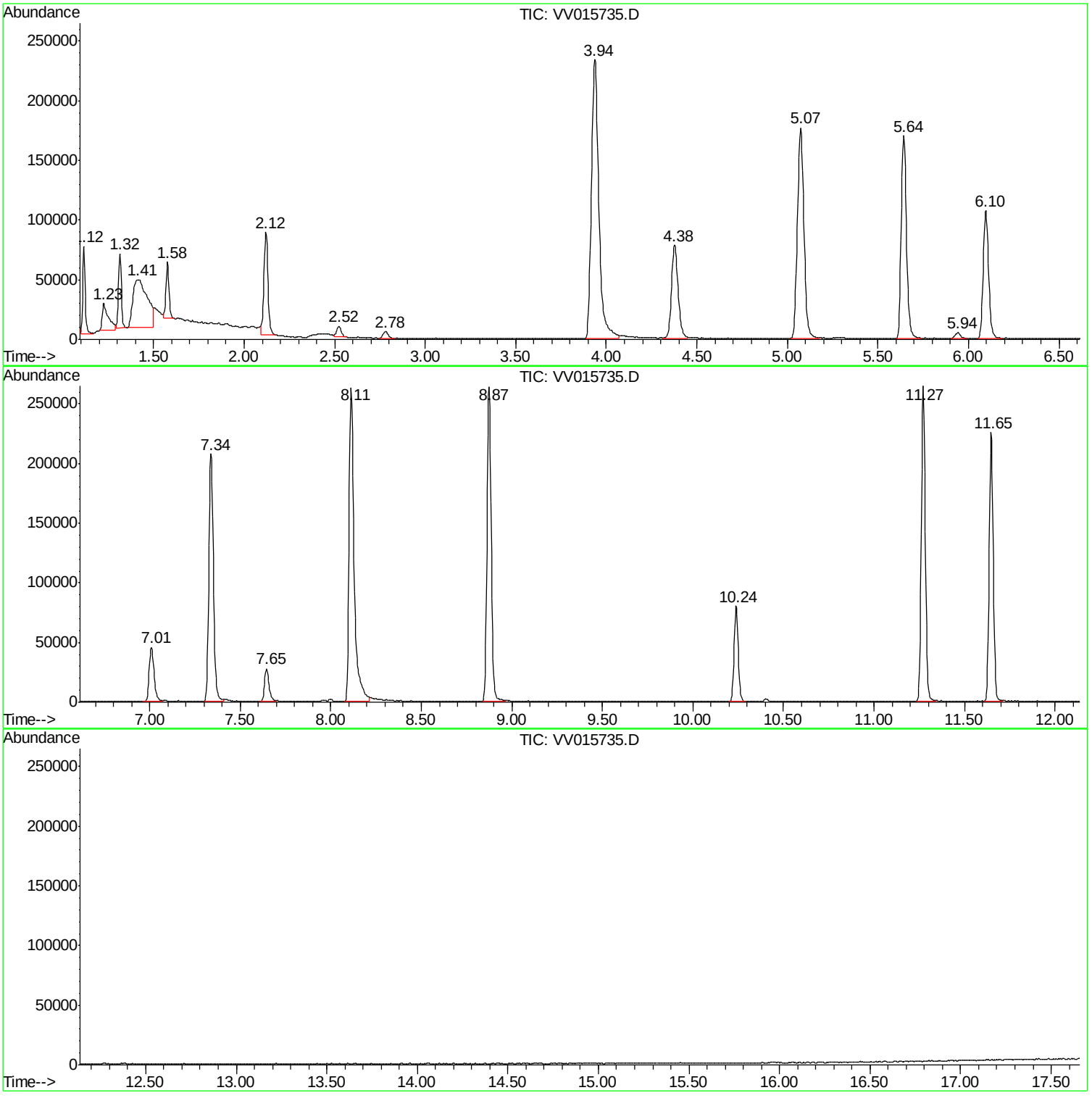
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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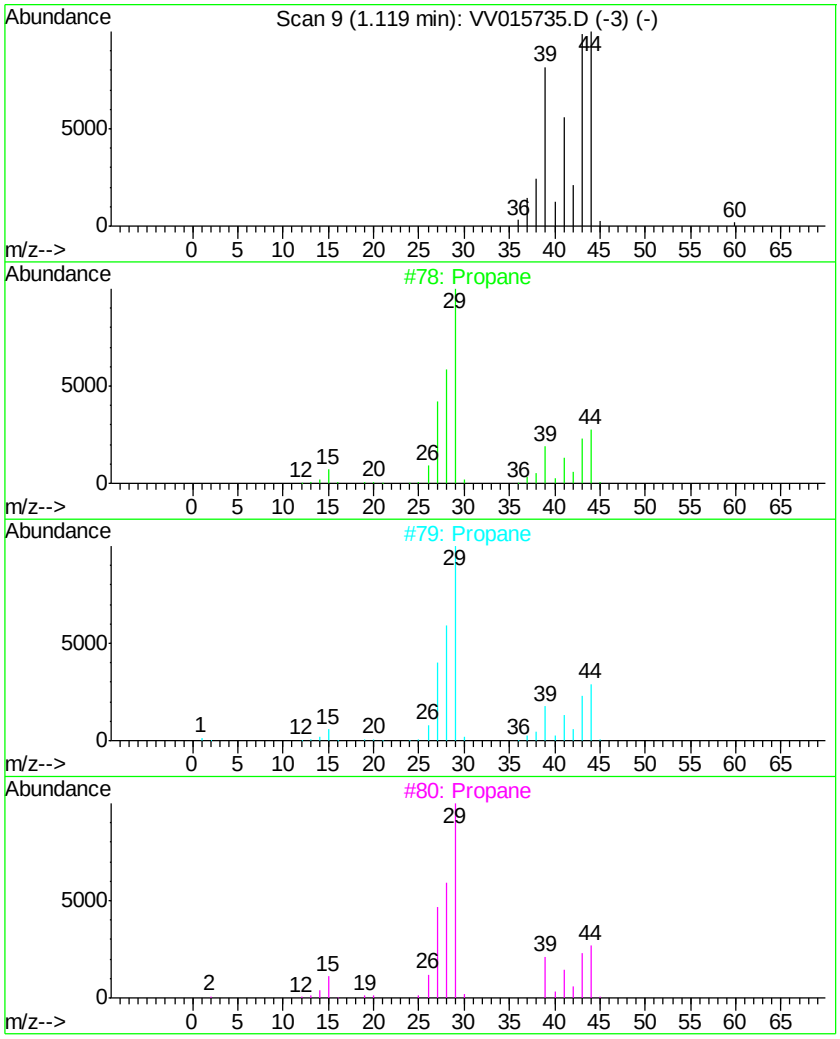
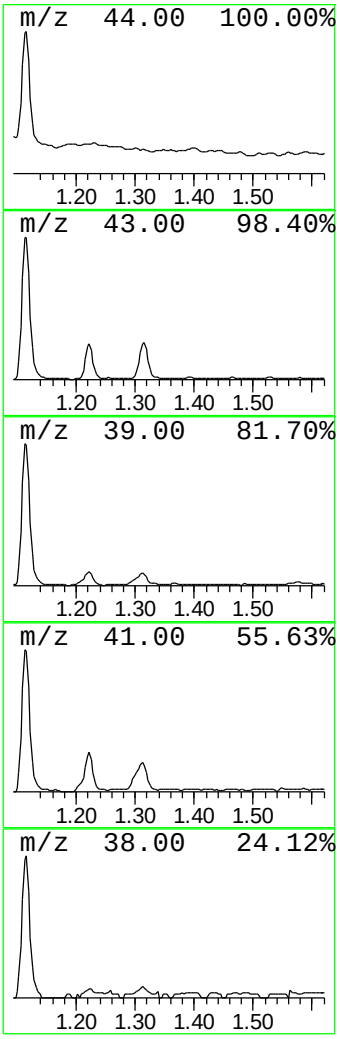
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	1.03 ug/L	70253	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	90
2	Propane	44	C3H8	000074-98-6	83
3	Propane	44	C3H8	000074-98-6	9
4	Propene	42	C3H6	000115-07-1	9
5	Acetaldehyde	44	C2H4O	000075-07-0	5





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ClientSampleId : ETKL8DL

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TIC Library : C:\DATABASE\NIST11.L
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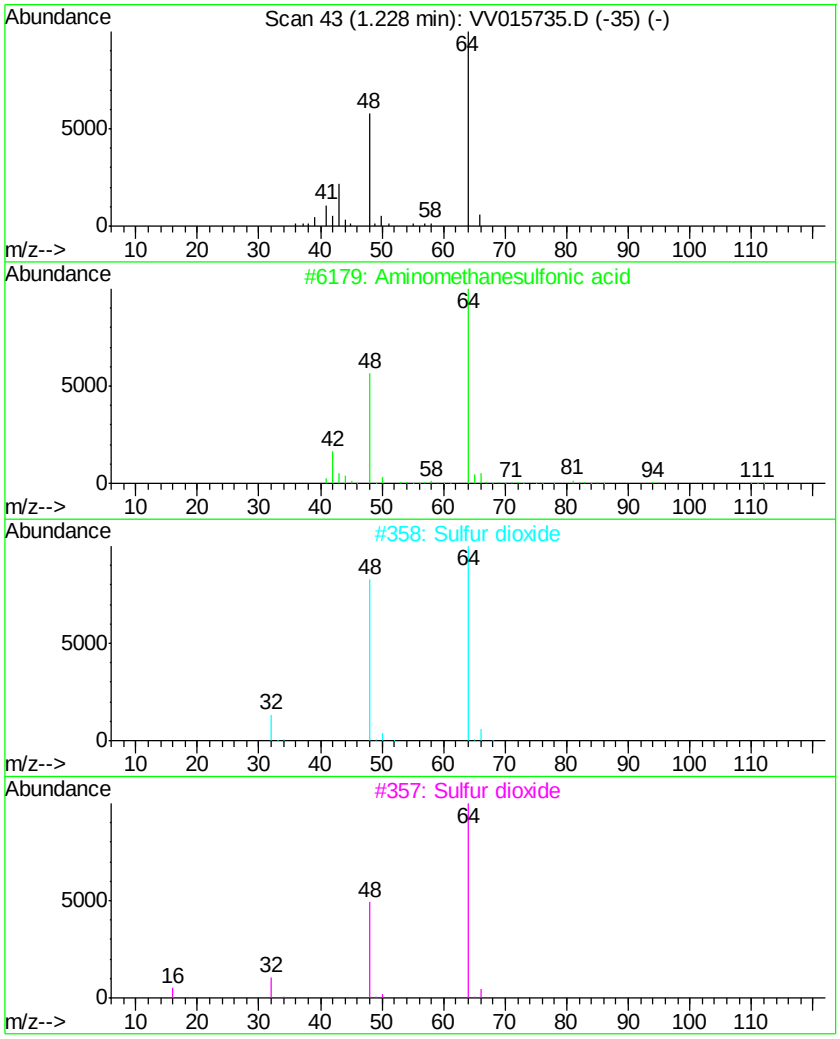
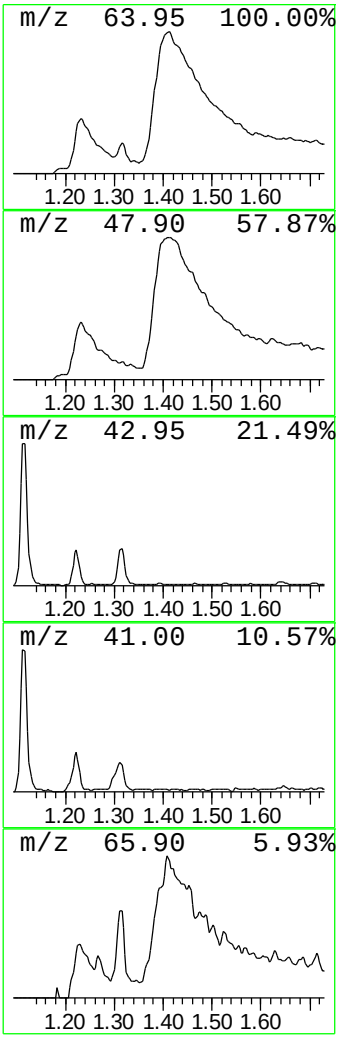
****

Peak Number 2 Aminomethanesulfonic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	0.80 ug/L	54092	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	64
3	Sulfur dioxide	64	O2S	007446-09-5	64
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

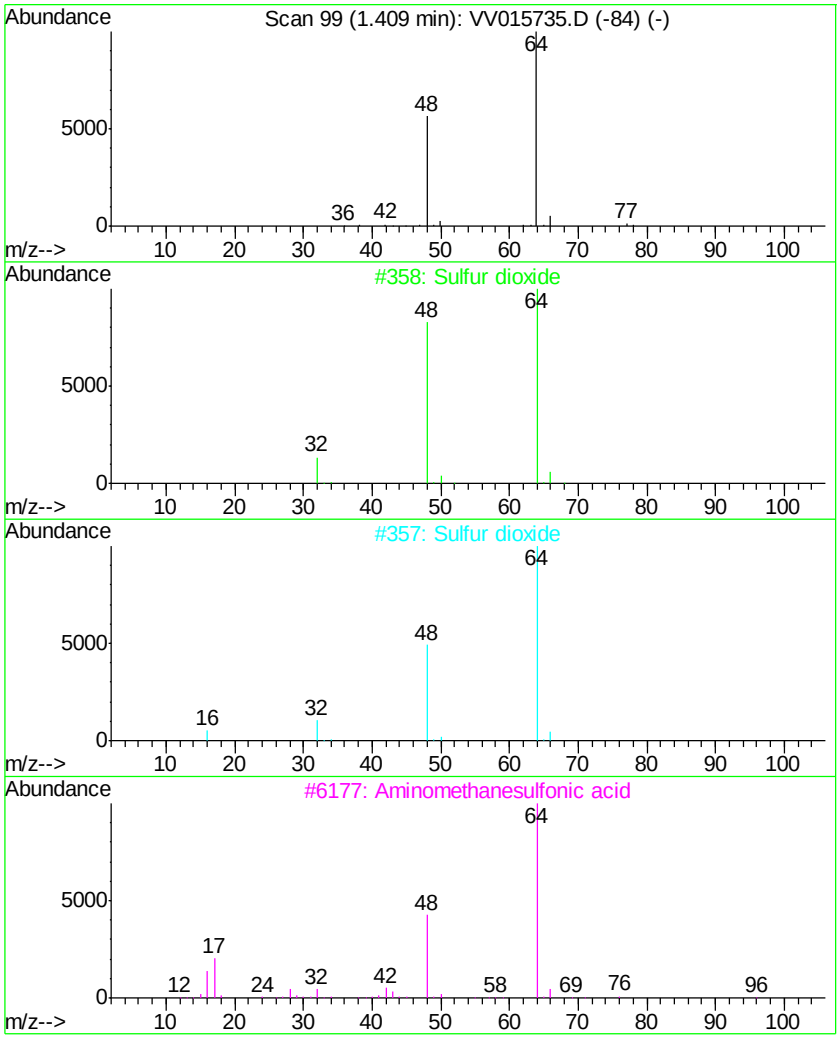
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

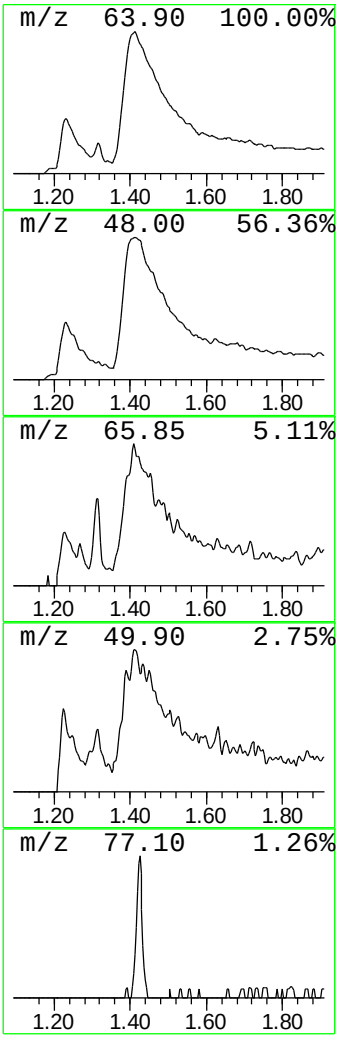
****

Peak Number 3 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.41	3.26 ug/L	221475	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	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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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
(DEL) Alkane: Str...	1.12	1.0	ug/L	70253	1	5.64	339564	5.0
Aminomethanesulfo...	1.23	0.8	ug/L	54092	1	5.64	339564	5.0
Sulfur dioxide	1.41	3.3	ug/L	221475	1	5.64	339564	5.0