LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026550.D
Acq On : 24 Jun 2022 13:05
Operator : SY/MD
Sample : N3401-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG1

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\SFAMVTR062322WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV026550.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.253	53	66	80	rBV2	20812	75193	9.82%	1.087%
2	1.320	81	87	99	rVB	125394	137982	18.03%	1.995%
3	1.439	104	124	161	rVV	102560	525485	68.65%	7.597%
4	1.581	162	168	188	rVB	113815	144576	18.89%	2.090%
5	2.121	327	336	352	rVB	219107	316923	41.40%	4.582%
6	3.908	880	892	931	rBV3	67580	234262	30.60%	3.387%
7	4.362	1012	1033	1069	rBV3	147568	442374	57.79%	6.395%
8	5.056	1230	1249	1281	rBV2	313311	765486	100.00%	11.066%
9	5.622	1413	1425	1453	rBV	280206	572980	74.85%	8.283%
10	6.076	1553	1566	1595	rBV	171830	359137	46.92%	5.192%
11	6.992	1838	1851	1883	rBV	61323	119497	15.61%	1.728%
12	7.320	1941	1953	1970	rBV	362795	641110	83.75%	9.268%
13	7.400	1970	1978	1990	rVB2	13265	26606	3.48%	0.385%
14	7.629	2037	2049	2066	rBV2	33335	61688	8.06%	0.892%
15	8.092	2183	2193	2222	rBV2	240762	461643	60.31%	6.674%
16	8.854	2418	2430	2463	rBV	404305	663684	86.70%	9.595%
17	10.217	2842	2854	2868	rBV2	108454	171959	22.46%	2.486%
18	10.355	2888	2897	2914	rBV	10720	19154	2.50%	0.277%
19	11.249	3164	3175	3194	rBV	365957	565916	73.93%	8.181%
20	11.622	3275	3291	3316	rBV	300206	481233	62.87%	6.957%
21	12.017	3405	3414	3424	rBV	8005	11381	1.49%	0.165%
22	12.413	3529	3537	3546	rBV2	7478	10343	1.35%	0.150%
23	12.882	3671	3683	3695	rVB4	15715	24047	3.14%	0.348%
24	13.503	3865	3876	3888	rBV	51965	84640	11.06%	1.224%

Sum of corrected areas: 6917299

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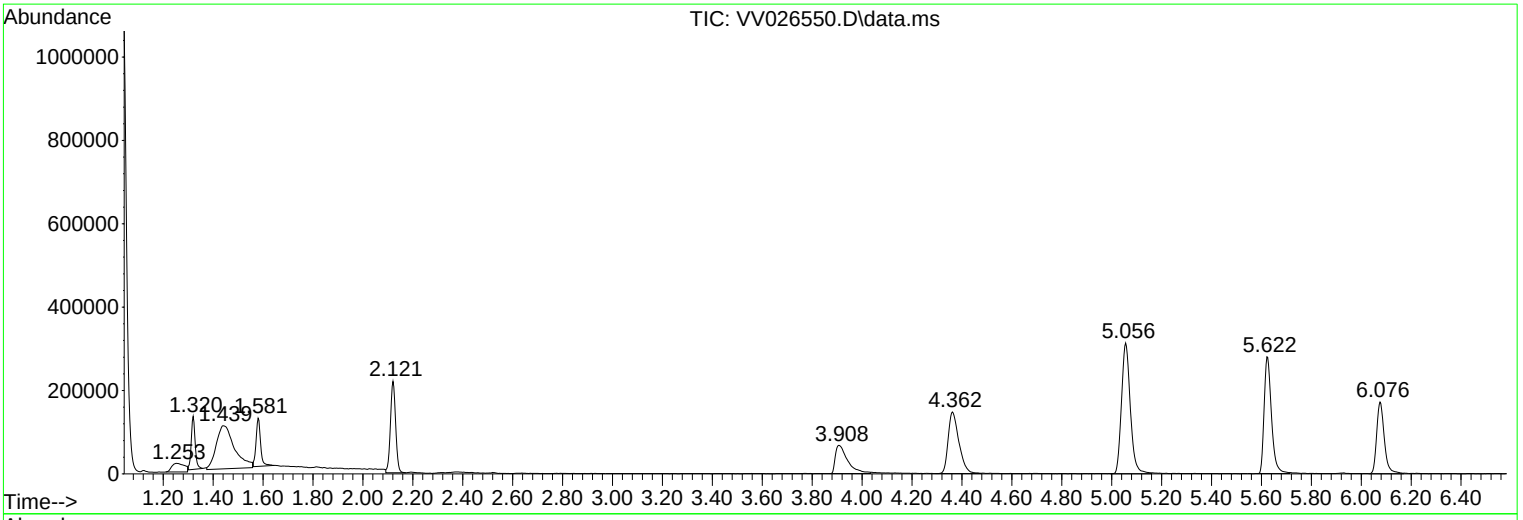
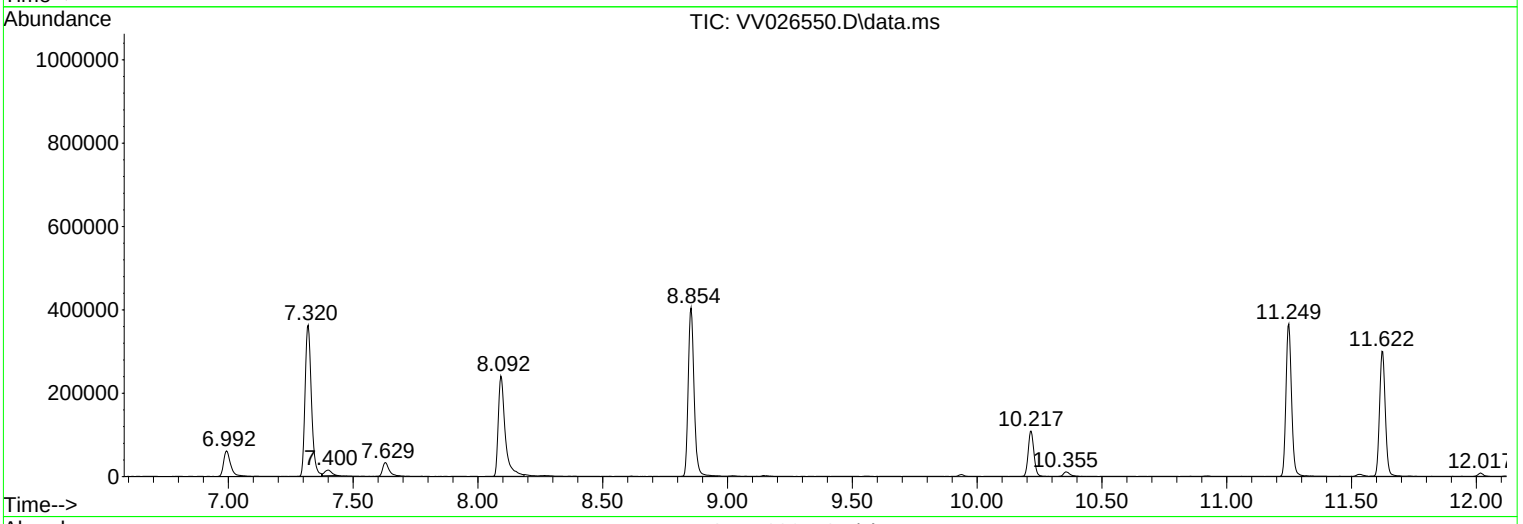
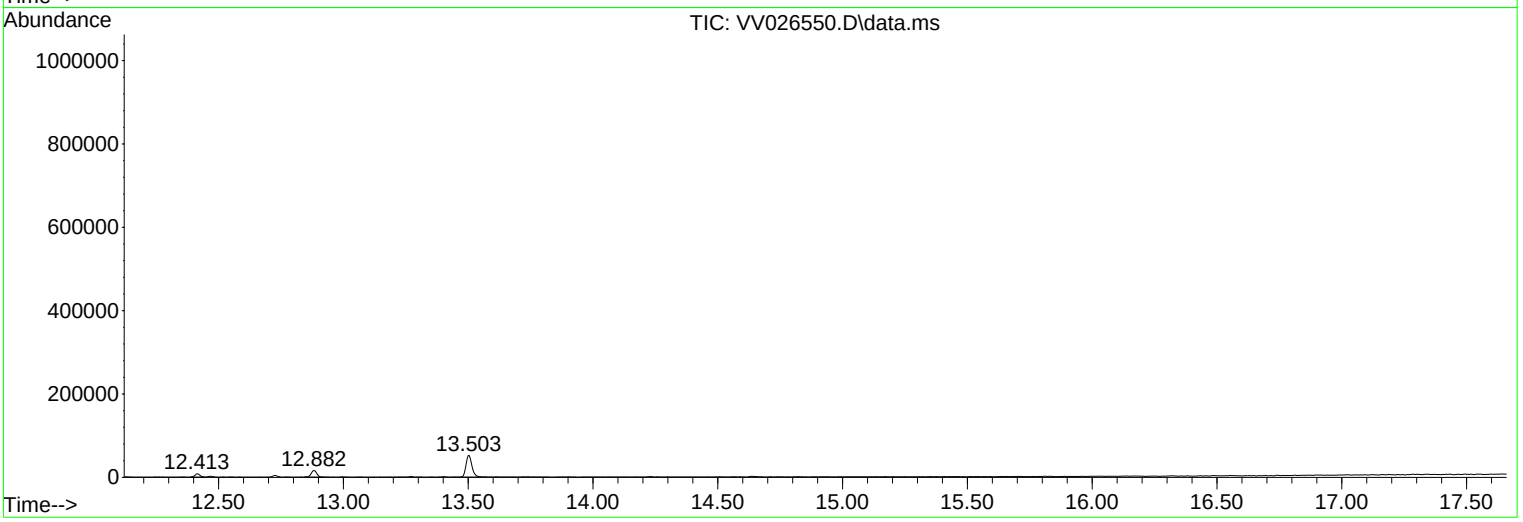
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Quant Title : TRACE VOA SFAM1.0

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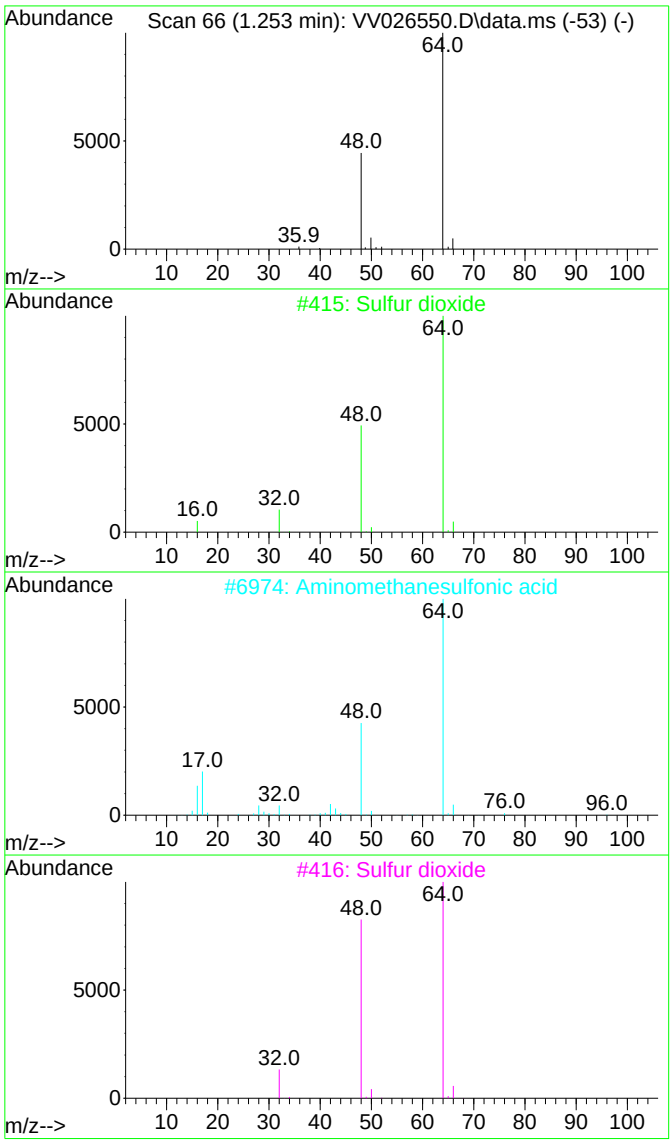
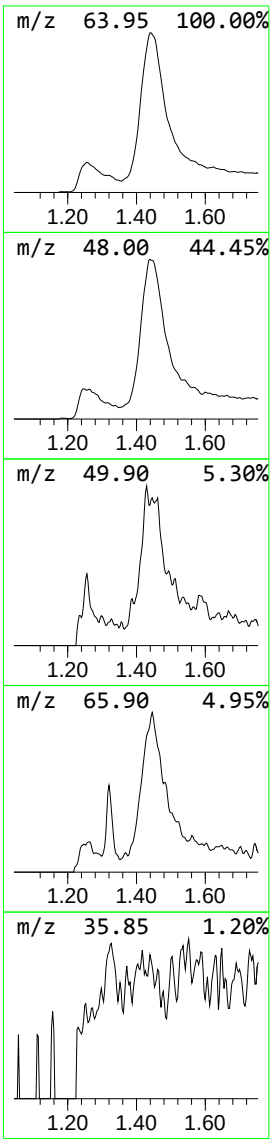
Peak Number 1 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.253	0.66 ug/L	75193	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	Sulfur dioxide	64	O2S	007446-09-5	9
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 :
MSVOA_V
ClientSampleId :
C0AG1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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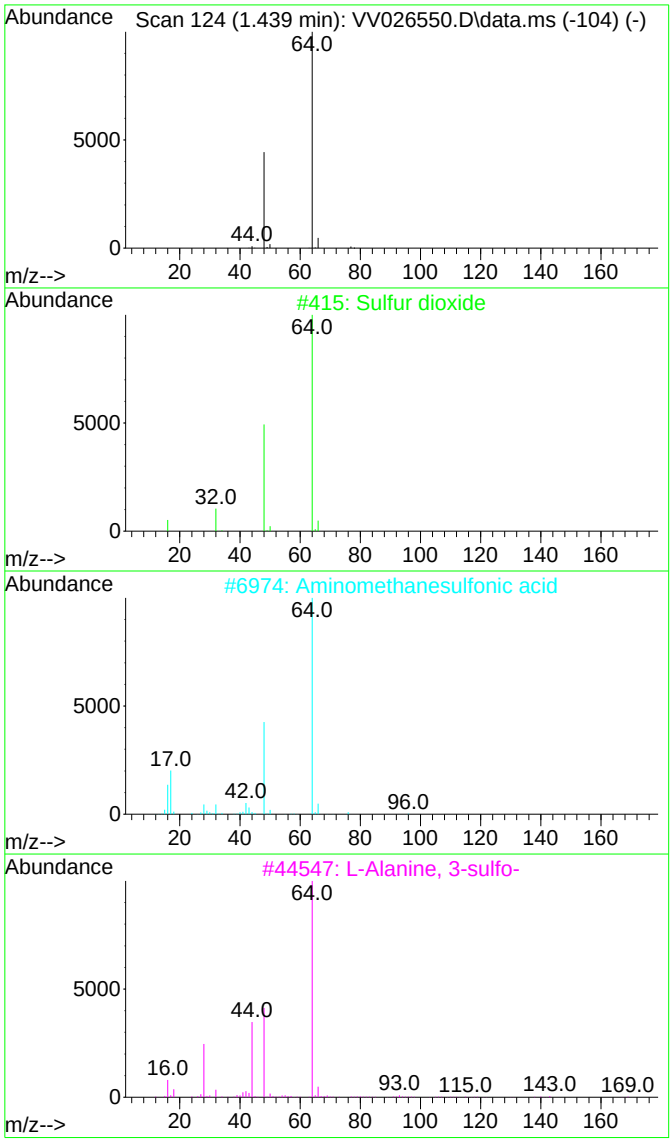
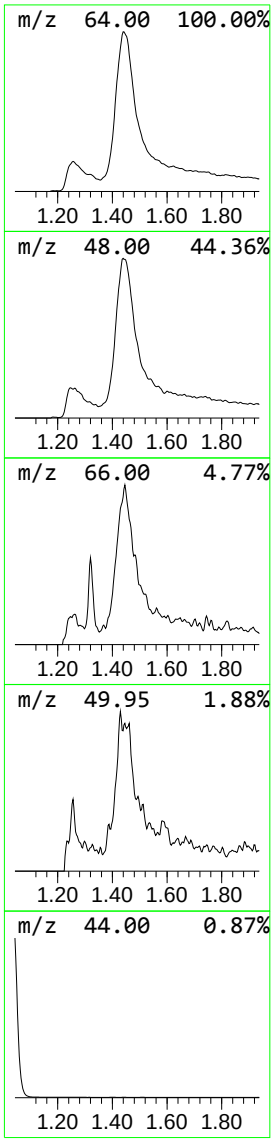
Peak Number 2 Aminomethanesulfonic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.439	4.59 ug/L	525485	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Sulfur dioxide	64	O2S	007446-09-5	4
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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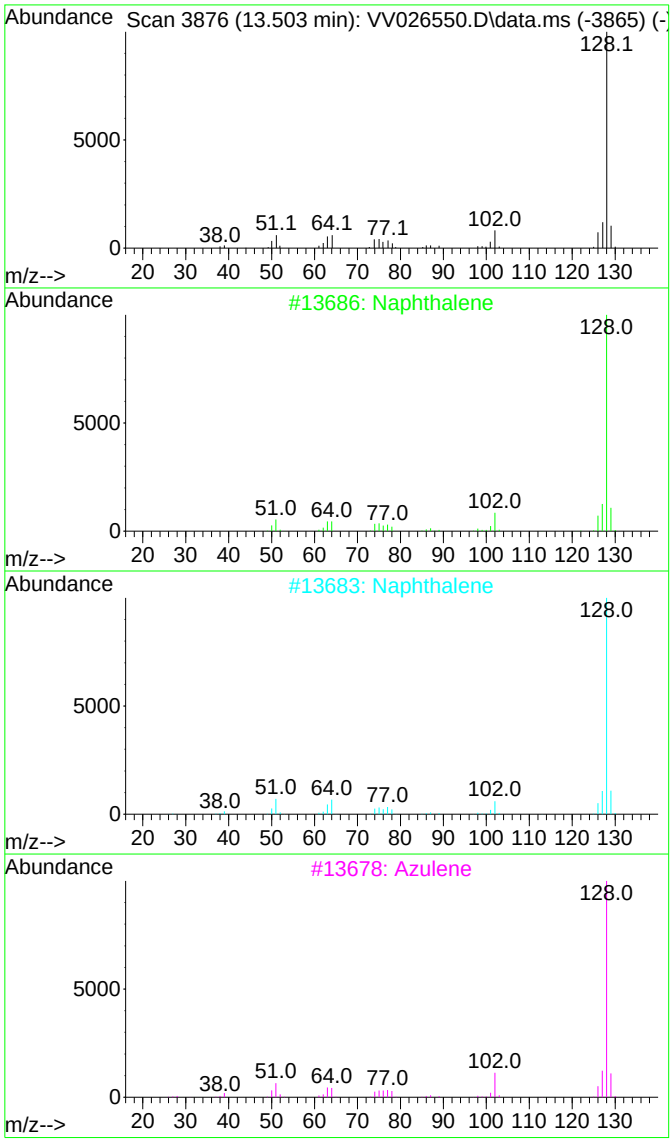
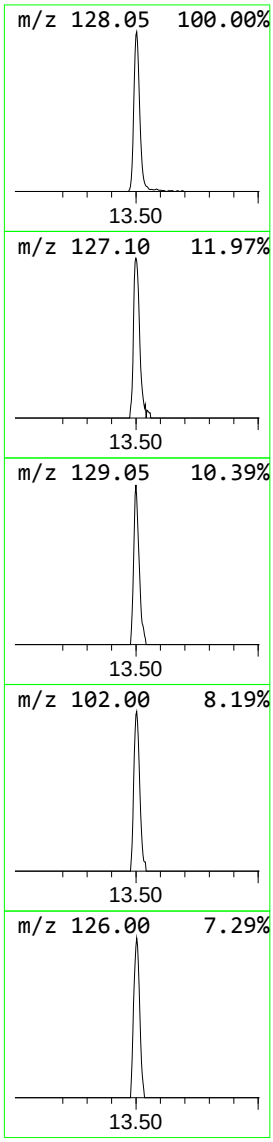
Peak Number 4 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	0.75 ug/L	84640	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	93
3	Azulene	128	C10H8	000275-51-4	90
4	Naphthalene	128	C10H8	000091-20-3	90
5	Azulene	128	C10H8	000275-51-4	90





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.253	0.7	ug/L	75193	1	5.625	572980	5.0
Aminomethanesul...	1.439	4.6	ug/L	525485	1	5.625	572980	5.0
Azulene	13.503	0.8	ug/L	84640	3	11.249	565916	5.0