LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051673.D
Acq On : 02 Nov 2022 00:02
Operator : JC/MD
Sample : N5319-09DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA2DL

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_U\Method\SFAMUTR102822WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU051673.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.488	38	46	64	rBV2	22789	59059	1.41%	0.405%
2	1.597	71	80	93	rBV2	114381	153903	3.68%	1.057%
3	1.909	170	177	202	rVB	93075	143943	3.44%	0.988%
4	2.375	314	322	341	rVB3	26406	49889	1.19%	0.343%
5	2.565	369	381	394	rBV	160569	259093	6.19%	1.779%
6	3.864	757	785	806	rVB2	10776	43393	1.04%	0.298%
7	3.989	806	824	843	rBV3	25943	69324	1.66%	0.476%
8	4.629	1008	1023	1027	rBV	140056	275547	6.58%	1.892%
9	5.060	1142	1157	1179	rBV	163700	372595	8.90%	2.558%
10	5.726	1343	1364	1369	rBV2	317286	771278	18.43%	5.295%
11	5.771	1369	1378	1406	rVB	958768	1986875	47.48%	13.641%
12	6.247	1509	1526	1547	rBV	233962	448666	10.72%	3.080%
13	6.690	1650	1664	1680	rBV	198652	392947	9.39%	2.698%
14	7.565	1924	1936	1954	rBV2	85451	154027	3.68%	1.057%
15	7.896	2024	2039	2049	rBV	352683	605212	14.46%	4.155%
16	7.967	2049	2061	2096	rVB	2432492	4184999	100.00%	28.732%
17	8.179	2116	2127	2146	rVB2	55928	95540	2.28%	0.656%
18	8.632	2255	2268	2308	rBV	445306	838565	20.04%	5.757%
19	9.417	2499	2512	2543	rBV2	343746	704845	16.84%	4.839%
20	9.568	2547	2559	2576	rBV	253297	407352	9.73%	2.797%
21	9.690	2583	2597	2622	rBV	476708	791069	18.90%	5.431%
22	10.099	2712	2724	2740	rBV	136737	223917	5.35%	1.537%
23	10.484	2832	2844	2860	rBV2	72246	114307	2.73%	0.785%
24	10.754	2914	2928	2948	rBV	162216	265244	6.34%	1.821%
25	11.468	3139	3150	3167	rVB2	46491	73483	1.76%	0.505%
26	11.812	3244	3257	3274	rBV	320003	529339	12.65%	3.634%
27	12.192	3361	3375	3398	rBV	328488	551048	13.17%	3.783%

Sum of corrected areas: 14565459

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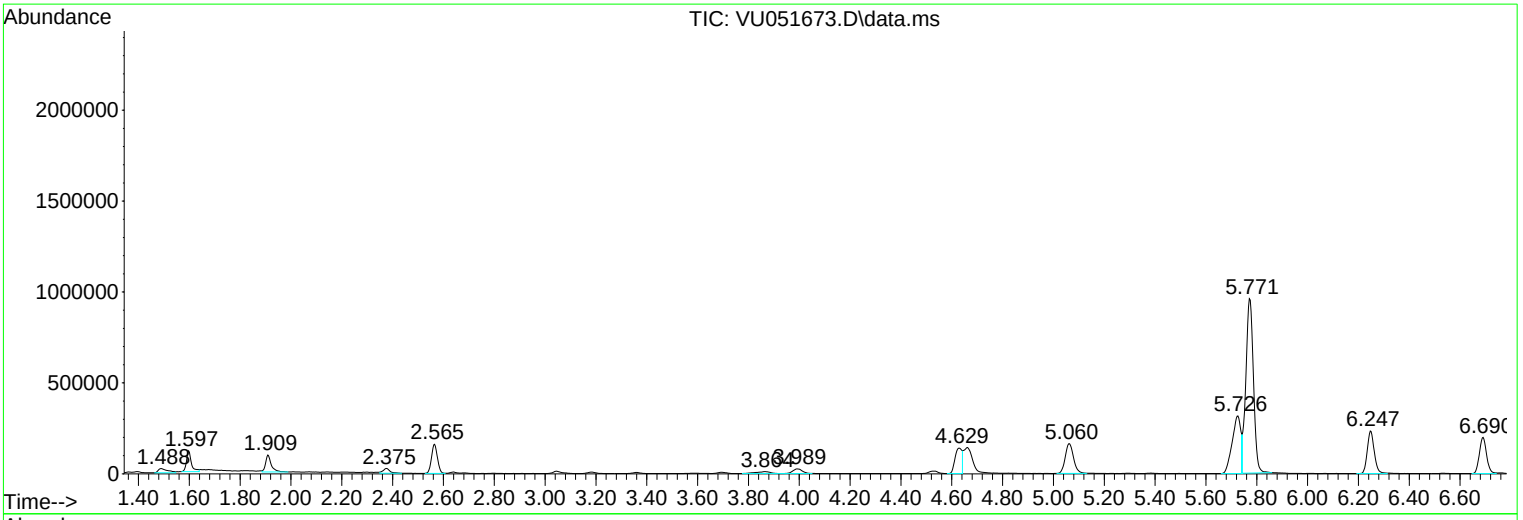
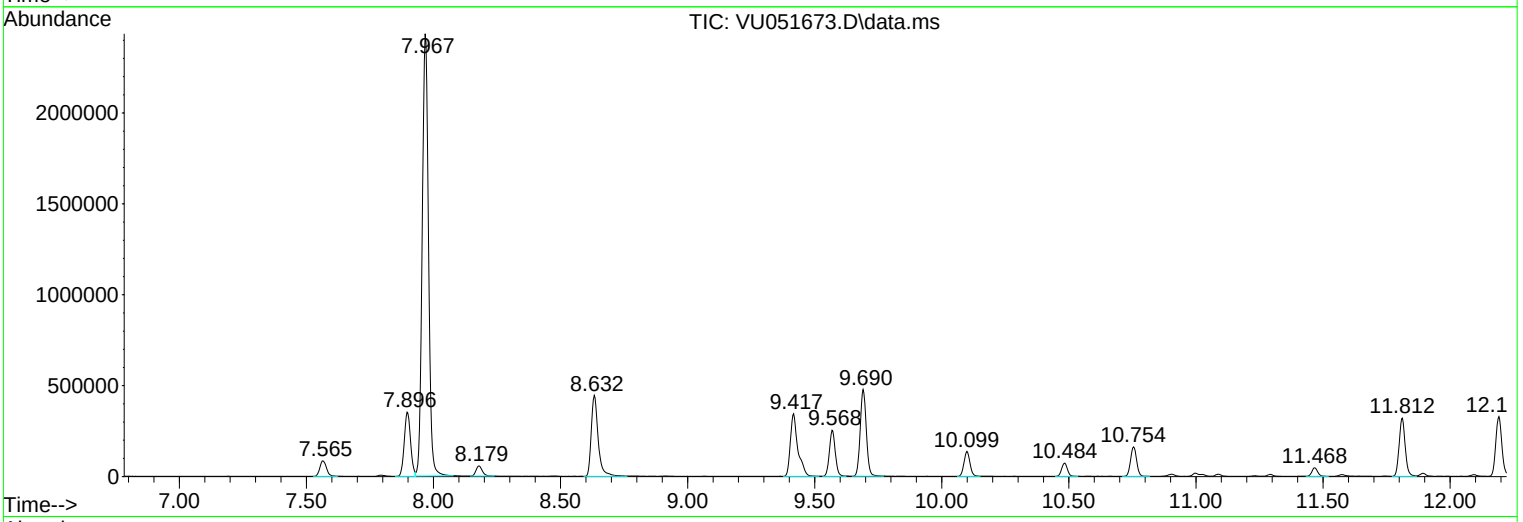
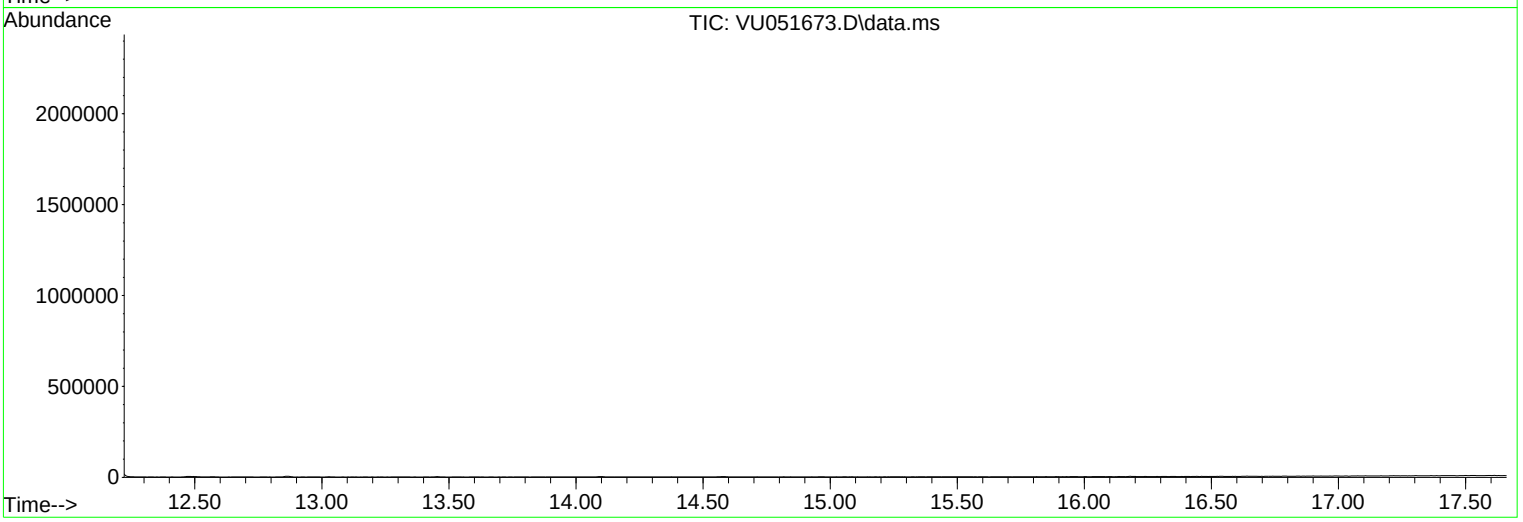
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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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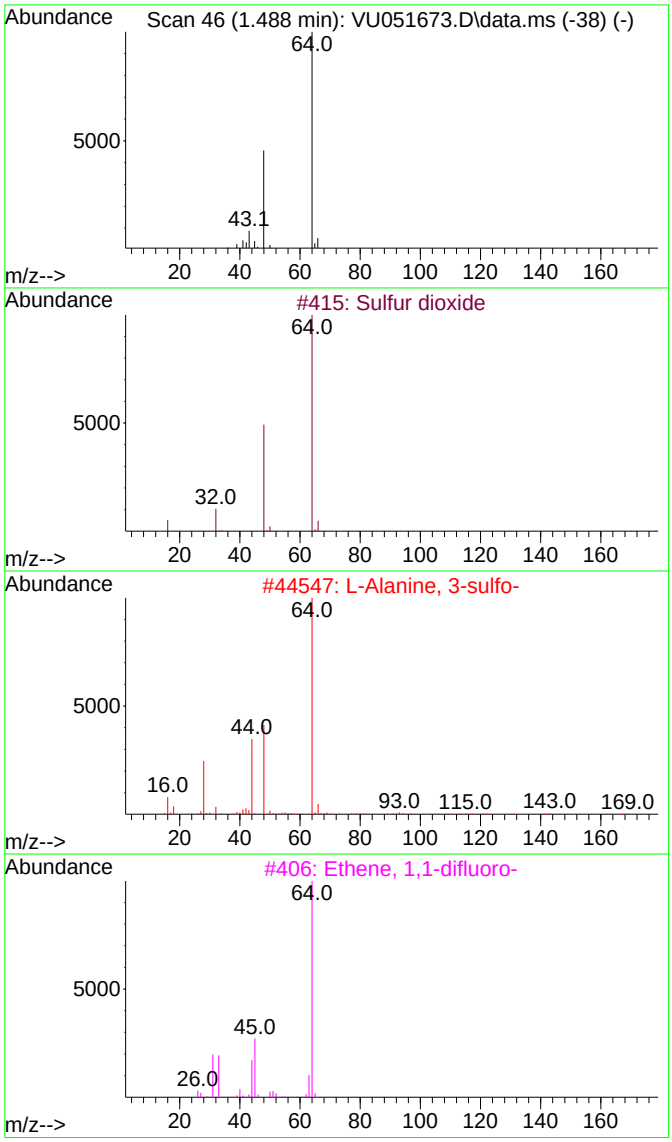
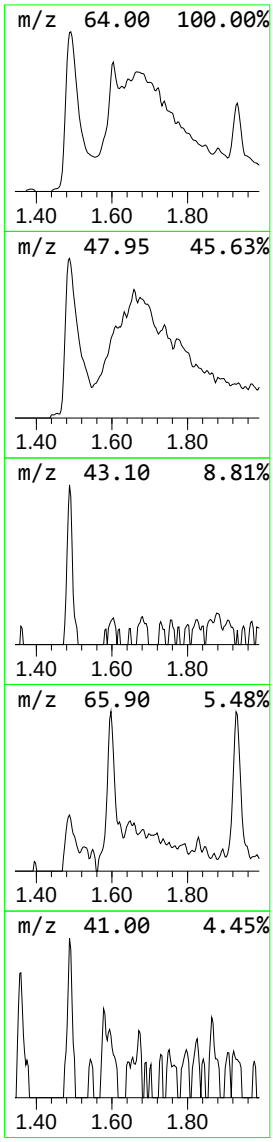
****

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.488	0.66 ug/L	59059	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	64
3	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	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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BHAA2DL

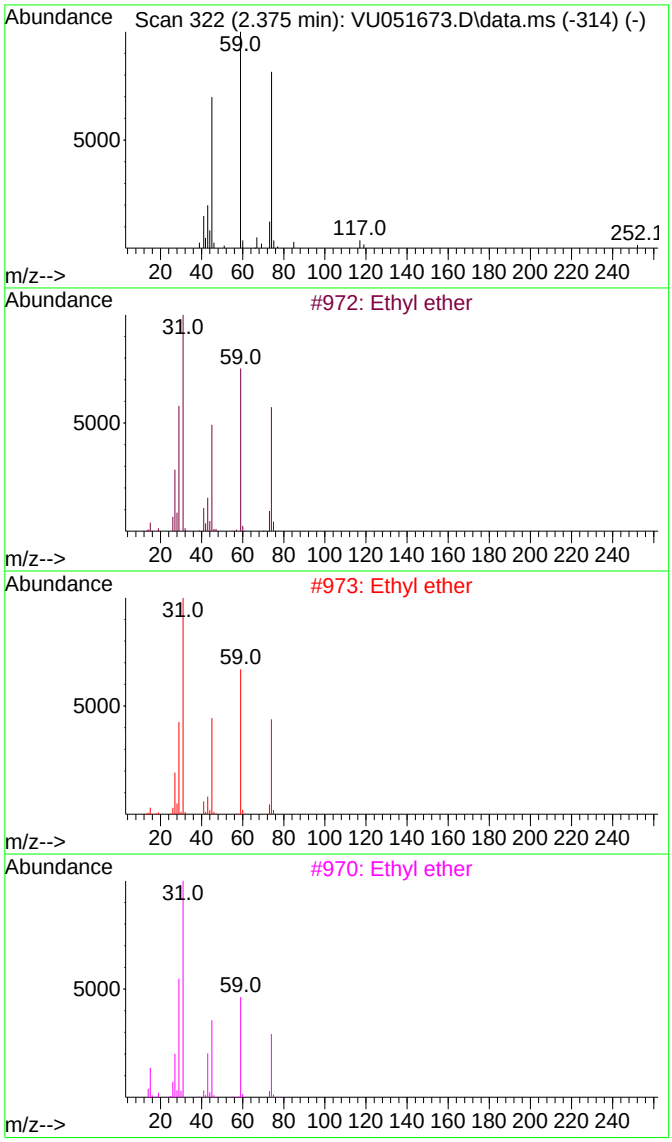
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

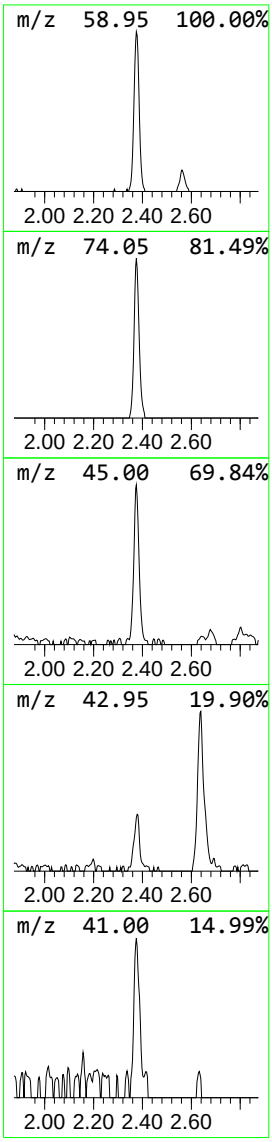
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.375	0.56 ug/L	49889	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	78
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	74
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	74





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Instrument :
MSVOA_U
ClientSampleId :
BHAA2DL

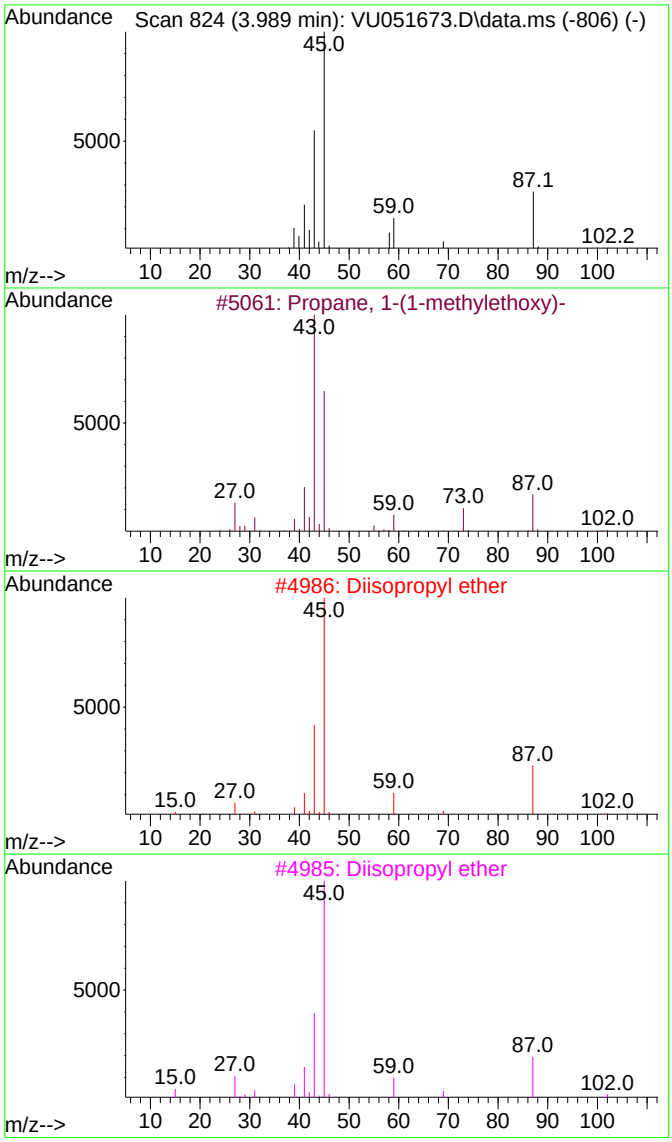
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

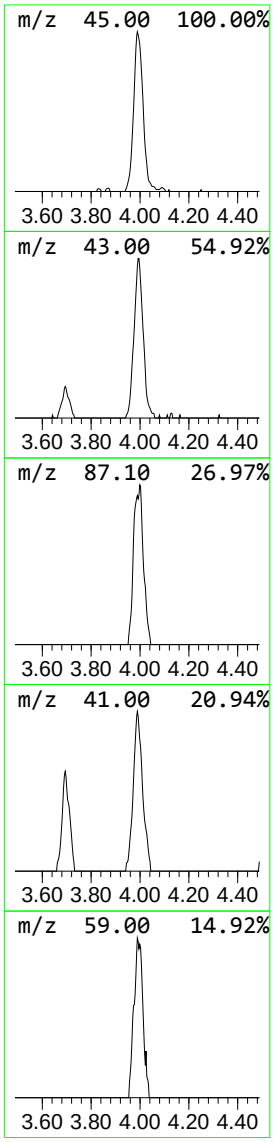
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propane, 1-(1-methylethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.989	0.77 ug/L	69324	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	86
2	Diisopropyl ether	102	C6H14O	000108-20-3	86
3	Diisopropyl ether	102	C6H14O	000108-20-3	72
4	Diisopropyl ether	102	C6H14O	000108-20-3	72
5	Diisopropyl ether	102	C6H14O	000108-20-3	72





Tentatively Identified Compound (LSC) summary

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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	1.488	0.7	ug/L	59059	1	6.247	448666	5.0
Ethyl ether	2.375	0.6	ug/L	49889	1	6.247	448666	5.0
Propane, 1-(1-m...	3.989	0.8	ug/L	69324	1	6.247	448666	5.0