

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040523\
 Data File : VV030401.D
 Acq On : 05 Apr 2023 15:19
 Operator : SY/MD
 Sample : 02194-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW4

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\SFAMVTR032323WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV030401.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.089	11	15	30	rVB3	11068	18145	4.94%	0.673%
2	1.220	51	56	62	rBV	8062	10163	2.76%	0.377%
3	1.282	69	75	84	rVB	21752	25072	6.82%	0.930%
4	1.384	98	107	120	rBV2	42292	124064	33.75%	4.602%
5	1.536	149	154	166	rVB	24420	30116	8.19%	1.117%
6	2.069	310	320	334	rVB4	65144	117126	31.86%	4.344%
7	2.452	432	439	451	rBV9	3600	7402	2.01%	0.275%
8	2.712	507	520	529	rBV3	6316	13066	3.55%	0.485%
9	3.121	634	647	663	rBV	17437	37934	10.32%	1.407%
10	3.799	844	858	889	rBV2	57096	202789	55.16%	7.521%
11	4.262	987	1002	1026	rBV	39753	106873	29.07%	3.964%
12	4.526	1072	1084	1100	rVB4	8908	22278	6.06%	0.826%
13	4.970	1202	1222	1242	rBV2	82383	225876	61.44%	8.378%
14	5.545	1388	1401	1423	rBV	70401	155902	42.41%	5.782%
15	5.847	1485	1495	1508	rBV3	16574	34212	9.31%	1.269%
16	6.002	1528	1543	1558	rBV2	53138	113716	30.93%	4.218%
17	6.924	1821	1830	1845	rBV2	21524	44356	12.07%	1.645%
18	7.252	1920	1932	1950	rBV	78455	149133	40.57%	5.531%
19	7.564	2021	2029	2039	rBV2	14488	25108	6.83%	0.931%
20	7.915	2118	2138	2157	rBV2	96288	186346	50.69%	6.912%
21	8.034	2162	2175	2207	rBV	181814	367623	100.00%	13.635%
22	8.796	2400	2412	2428	rBV	104899	184268	50.12%	6.834%
23	10.162	2827	2837	2849	rBV	60710	100428	27.32%	3.725%
24	10.336	2881	2891	2903	rBV2	19764	32679	8.89%	1.212%
25	11.194	3147	3158	3172	rBV	108394	177844	48.38%	6.596%
26	11.571	3262	3275	3293	rBV	99669	165520	45.02%	6.139%
27	12.204	3462	3472	3481	rBV2	7602	13331	3.63%	0.494%
28	13.426	3846	3852	3861	rVB2	3019	4775	1.30%	0.177%

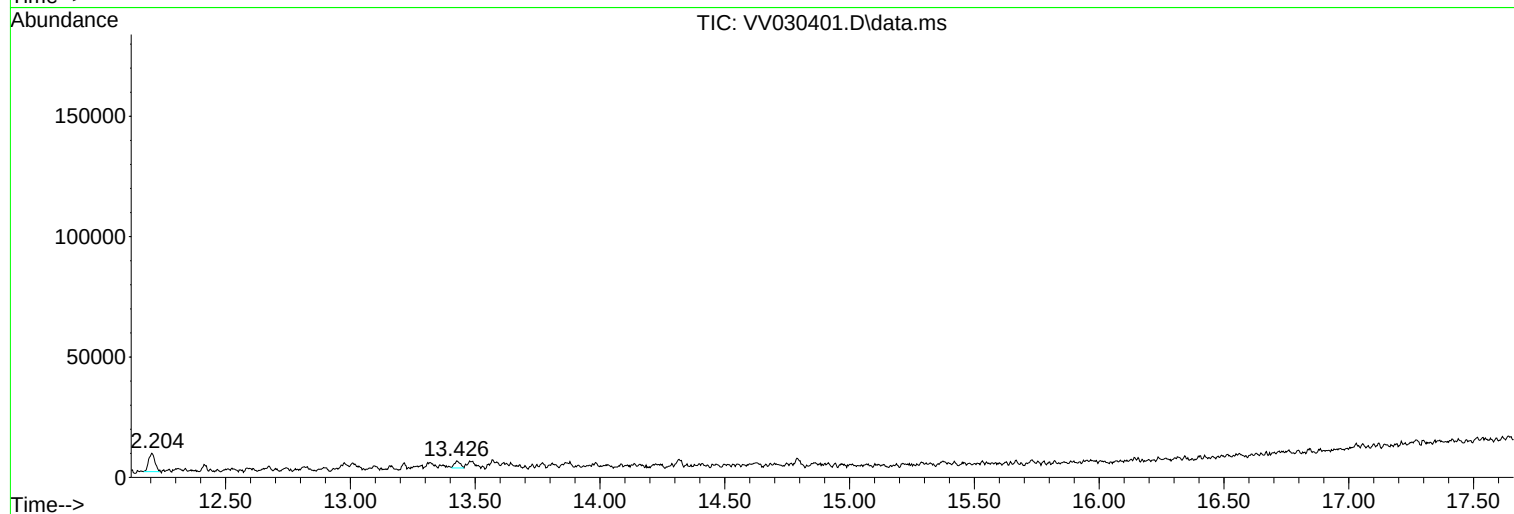
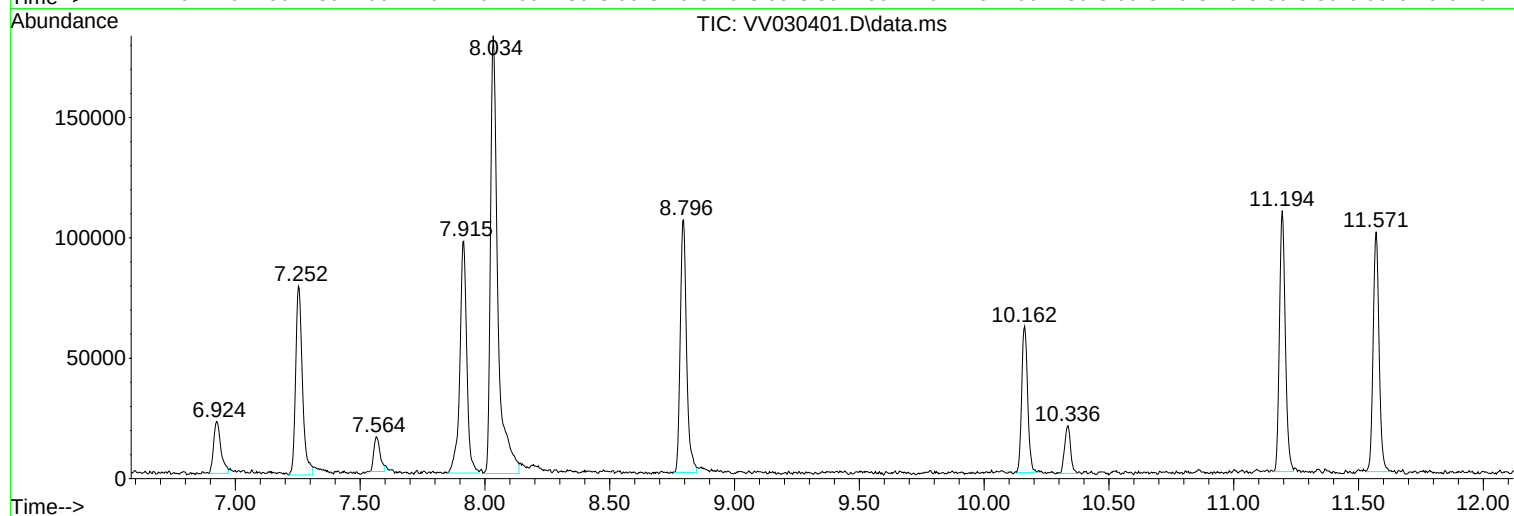
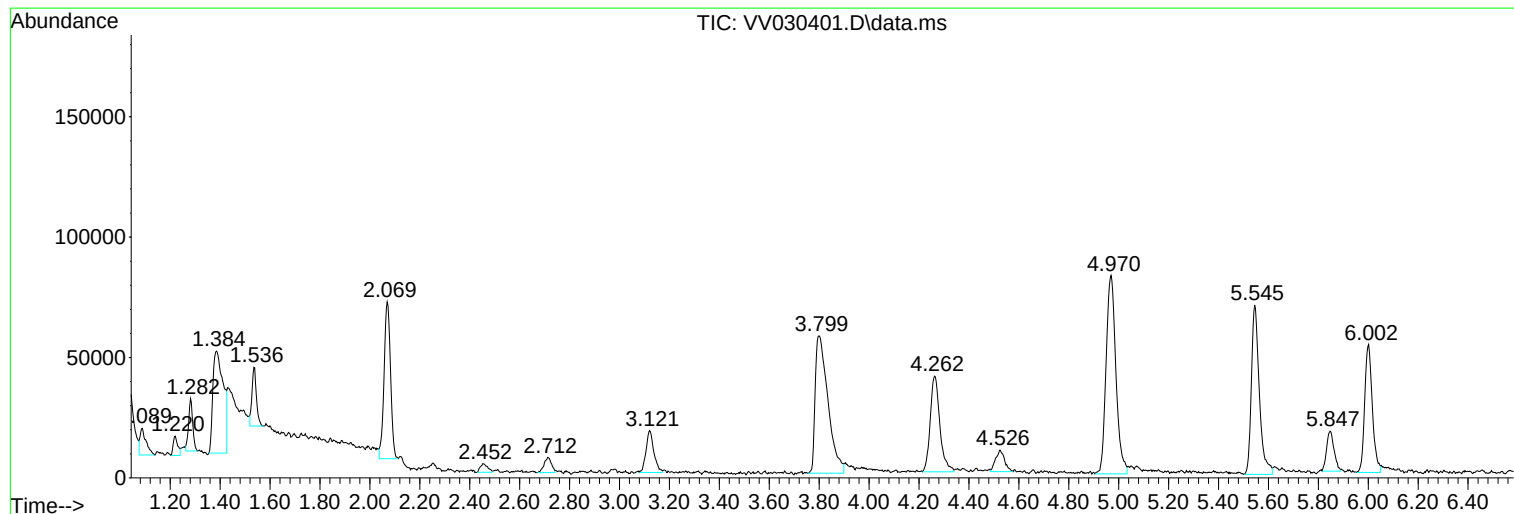
Sum of corrected areas: 2696145

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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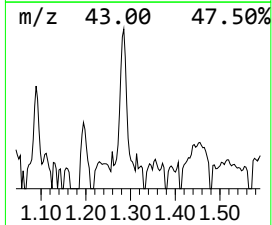
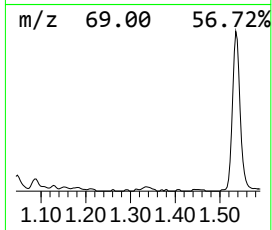
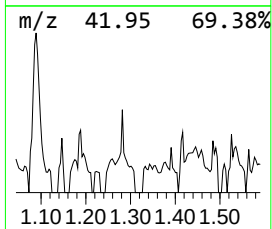
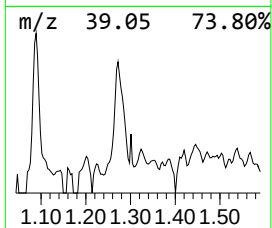
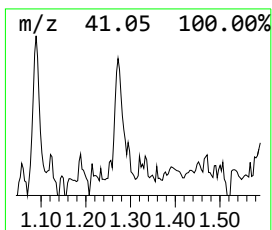
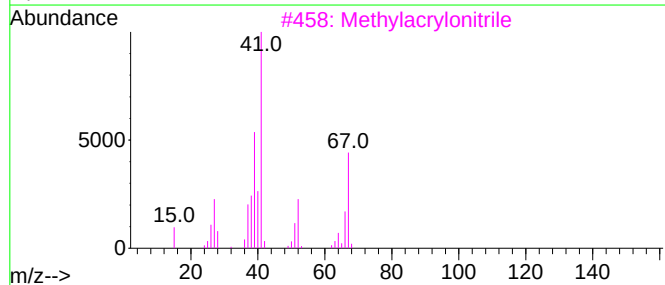
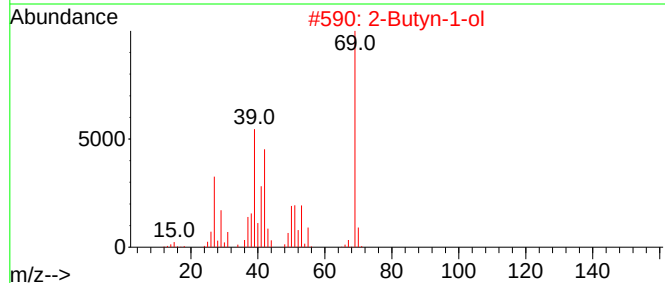
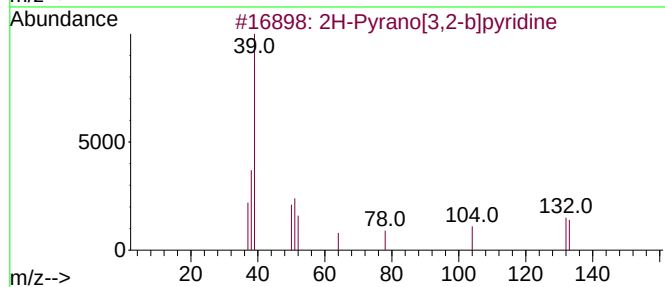
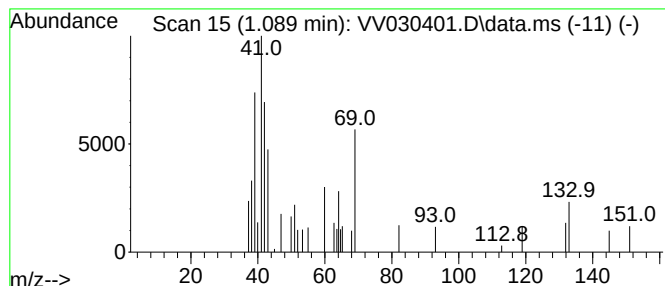
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.089	0.58 ug/L	18145	1,4-Difluorobenzene	5.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-Pyrano[3,2-b]pyridine	133	C8H7NO	004767-91-3	45
2			2-Butyn-1-ol	70	C4H6O	000764-01-2	40
3			Methylacrylonitrile	67	C4H5N	000126-98-7	38
4			2-Penten-4-yne, 2-methyl-	80	C6H8	001595-53-5	28
5			1-Propyne, 3,3'-oxybis-	94	C6H6O	006921-27-3	25



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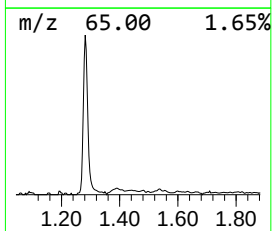
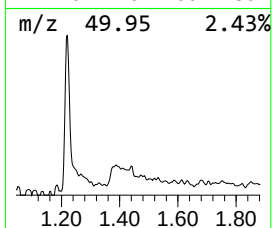
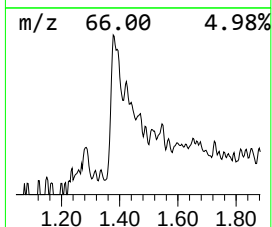
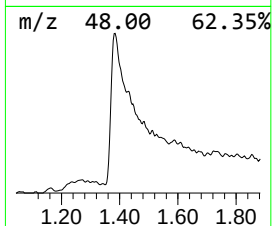
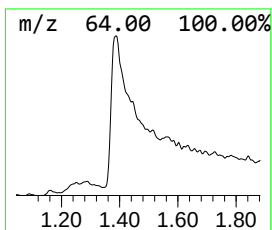
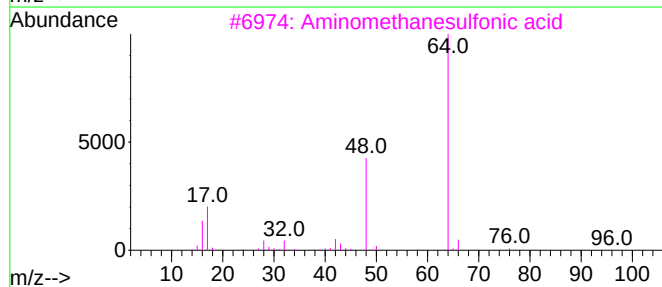
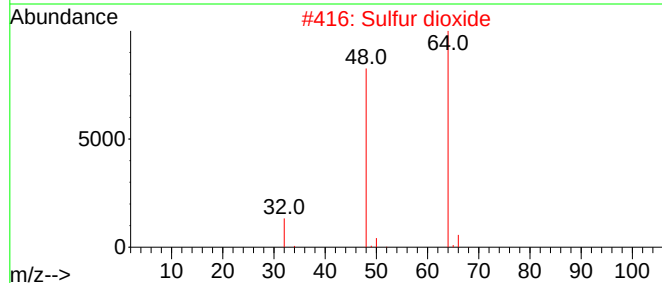
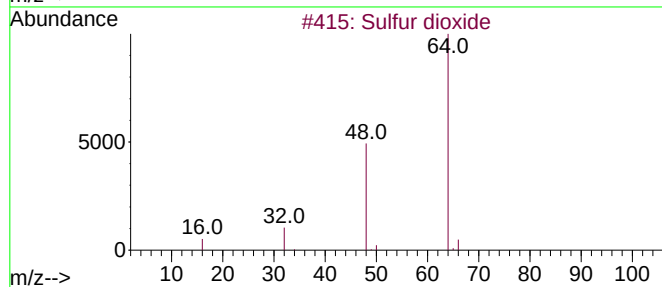
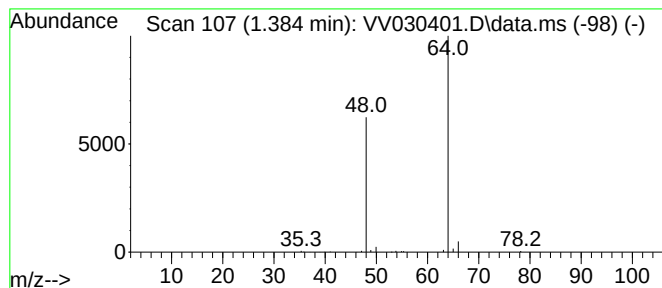
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.384	3.98 ug/L	124064	1,4-Difluorobenzene	5.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			Sulfur dioxide	64	O2S	007446-09-5	83
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5



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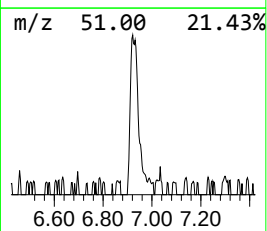
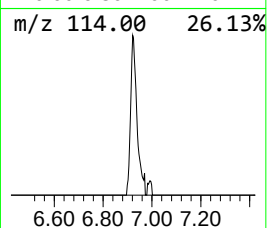
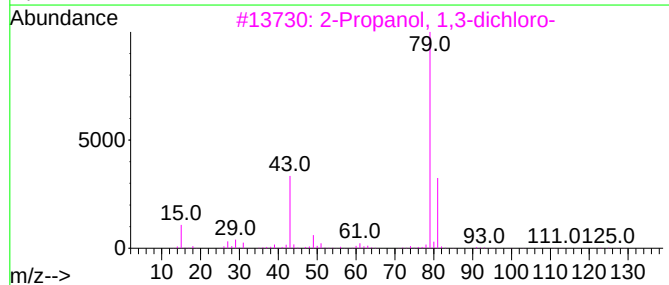
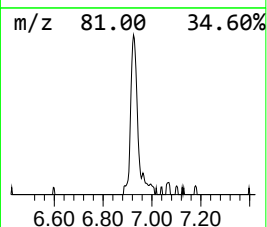
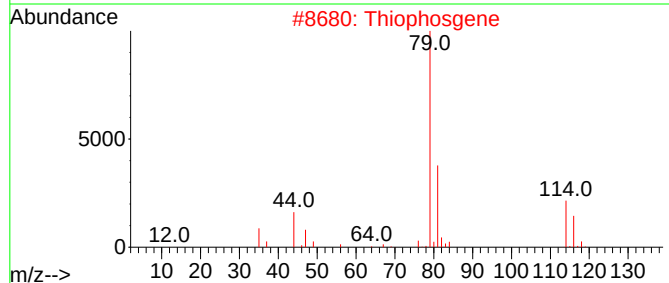
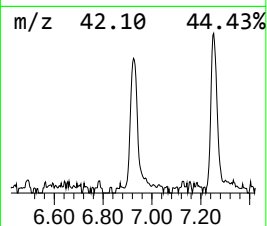
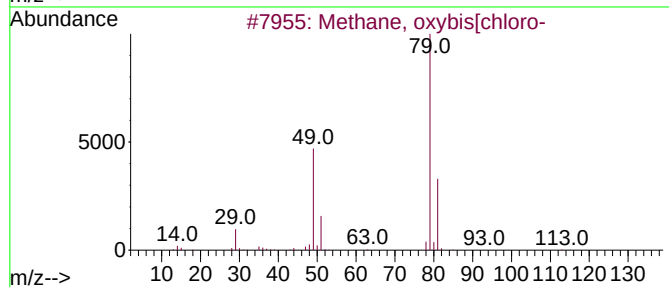
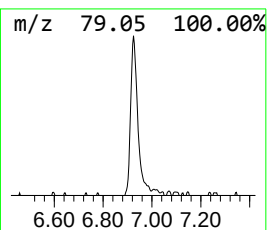
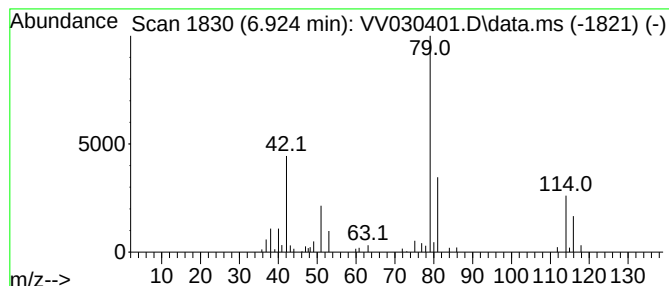
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.924	1.42 ug/L	44356	1,4-Difluorobenzene	5.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	43
2			Thiophosgene	114	CCl2S	000463-71-8	43
3			2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	35
4			Cyclopropene, 3-methyl-3-vinyl-	80	C6H8	071153-30-5	32
5			Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25



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Quant Title : TRACE VOA SFAM1.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.089	0.6	ug/L	18145	1	5.545	155902	5.0
Sulfur dioxide	1.384	4.0	ug/L	124064	1	5.545	155902	5.0
unknown-02	6.924	1.4	ug/L	44356	1	5.545	155902	5.0