

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049273.D
 Acq On : 18 Jun 2022 02:54
 Operator : SY/MD
 Sample : N3256-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAK0

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\SFAMUTR061422WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU049273.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.485	35	45	72	rBV	86676	299229	51.73%	6.856%
2	1.597	74	80	91	rVB	55476	71802	12.41%	1.645%
3	1.912	171	178	194	rVB	44323	58099	10.04%	1.331%
4	2.568	370	382	395	rBV	76423	123456	21.34%	2.829%
5	2.655	399	409	422	rVB2	4031	10074	1.74%	0.231%
6	2.793	443	452	458	rBV2	5911	10131	1.75%	0.232%
7	3.584	687	698	713	rBV4	4536	10878	1.88%	0.249%
8	4.636	1010	1025	1049	rBV2	84835	241882	41.82%	5.542%
9	5.070	1140	1160	1184	rBV3	85562	244652	42.30%	5.605%
10	5.726	1344	1364	1388	rBV2	149612	399207	69.02%	9.146%
11	6.160	1485	1499	1508	rBV2	4573	10440	1.80%	0.239%
12	6.250	1514	1527	1546	rBV	159061	299514	51.78%	6.862%
13	6.523	1602	1612	1621	rBV6	3645	7150	1.24%	0.164%
14	6.690	1648	1664	1682	rBV	101461	195794	33.85%	4.486%
15	7.163	1798	1811	1834	rVB4	53197	109836	18.99%	2.516%
16	7.565	1925	1936	1954	rBV2	47881	85177	14.73%	1.952%
17	7.713	1970	1982	1997	rBV2	31540	58297	10.08%	1.336%
18	7.899	2027	2040	2054	rBV	174466	303103	52.40%	6.945%
19	7.967	2055	2061	2073	rVB2	5784	10383	1.80%	0.238%
20	8.179	2115	2127	2142	rBV2	29234	49382	8.54%	1.131%
21	8.636	2256	2269	2298	rBV	307210	578404	100.00%	13.252%
22	9.417	2500	2512	2532	rBV	219567	360685	62.36%	8.264%
23	9.681	2583	2594	2608	rBV4	12639	22002	3.80%	0.504%
24	10.758	2917	2929	2949	rVB2	85192	137983	23.86%	3.161%
25	11.812	3245	3257	3274	rBV	224806	360645	62.35%	8.263%
26	12.063	3327	3335	3349	rBV5	3593	6862	1.19%	0.157%
27	12.192	3364	3375	3394	rBV	183287	299580	51.79%	6.864%

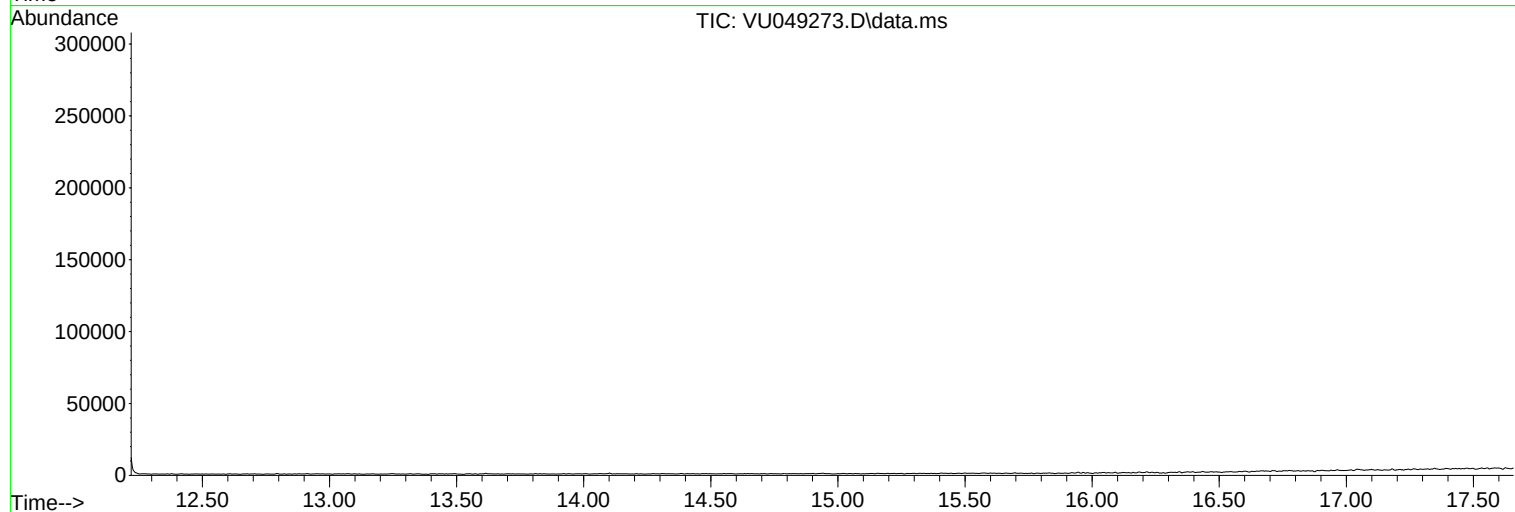
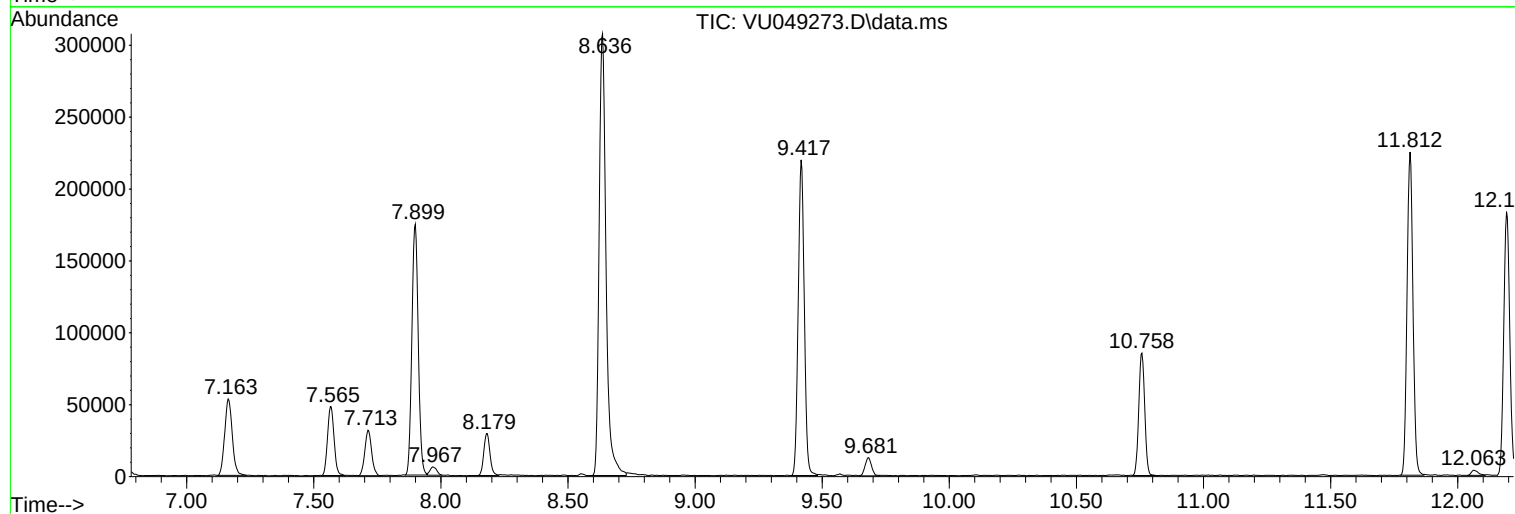
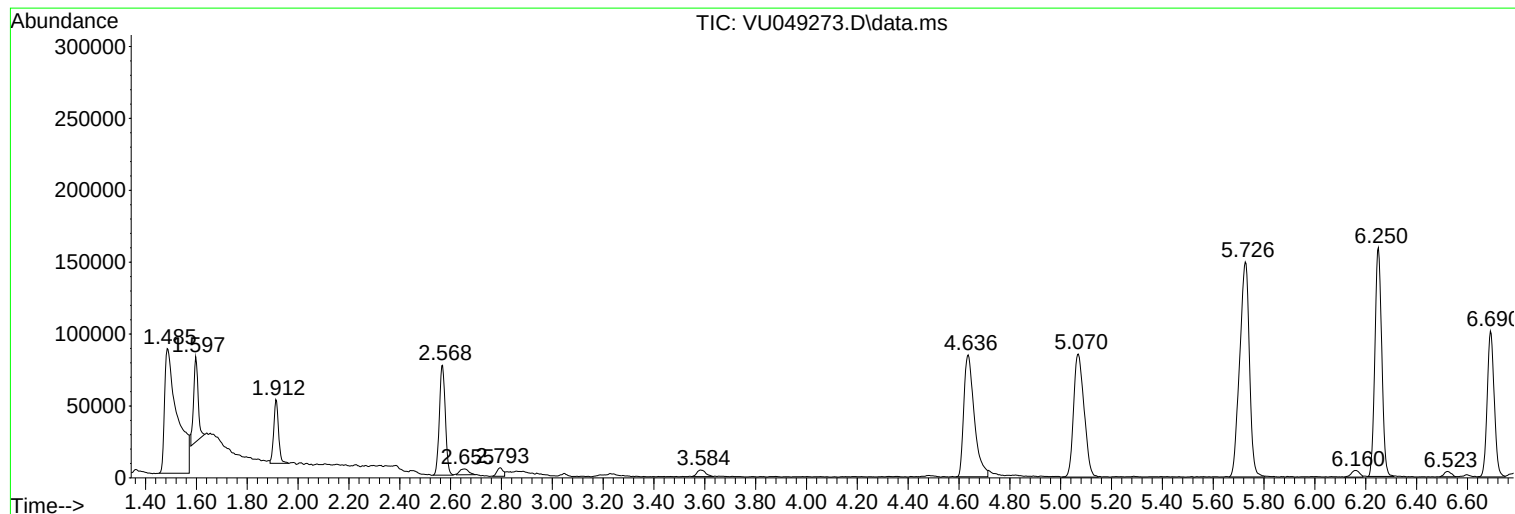
Sum of corrected areas: 4364647

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Instrument :
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ClientSampleId :
C0AK0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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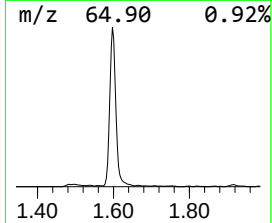
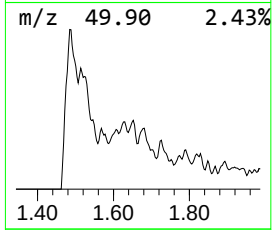
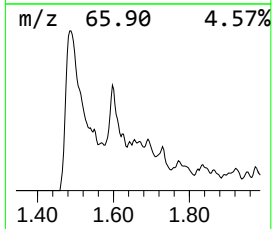
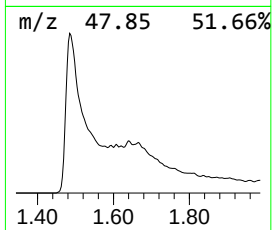
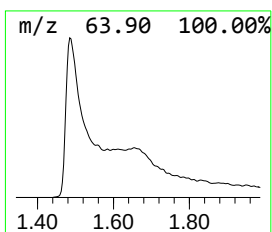
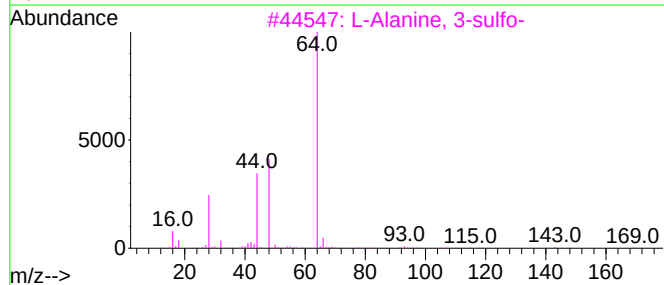
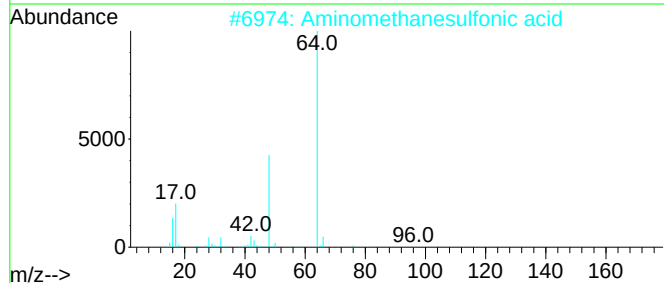
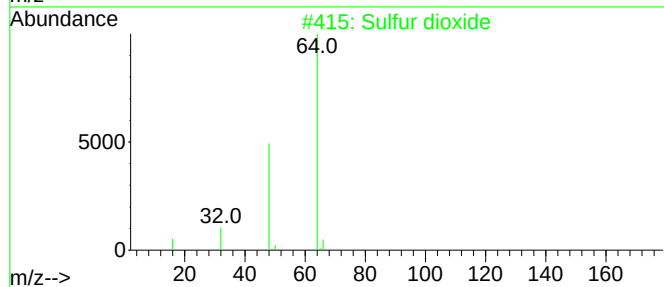
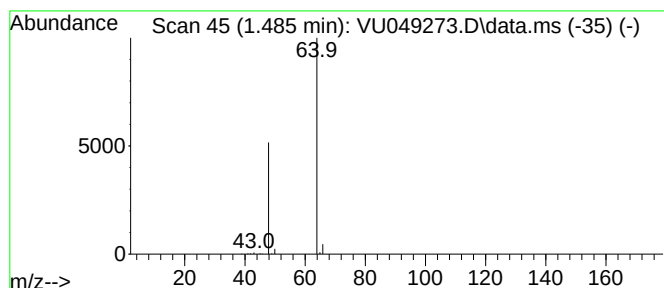
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.485	5.00 ug/L	299229	1,4-Difluorobenzene	6.250

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			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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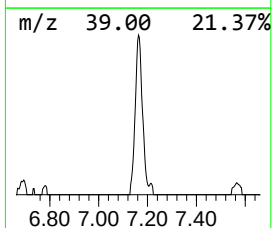
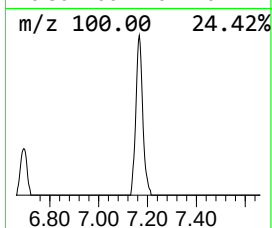
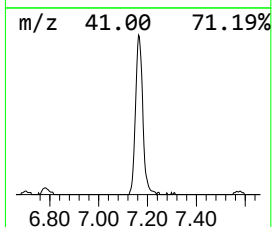
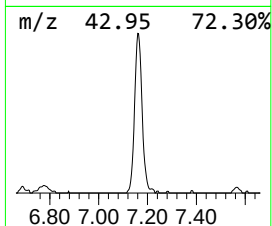
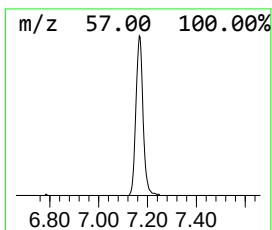
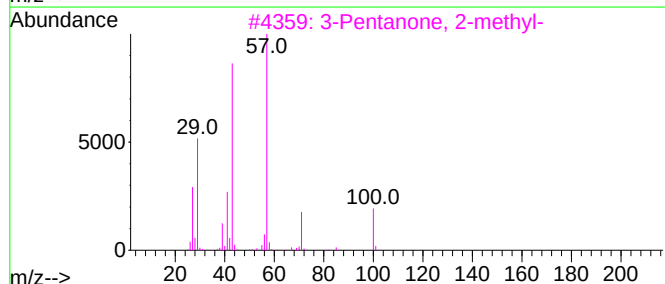
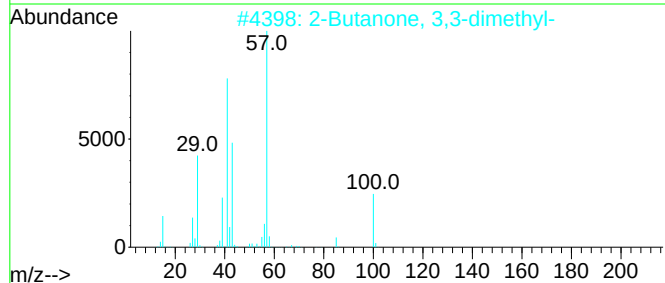
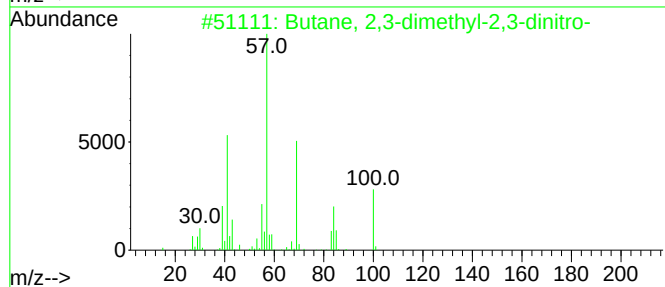
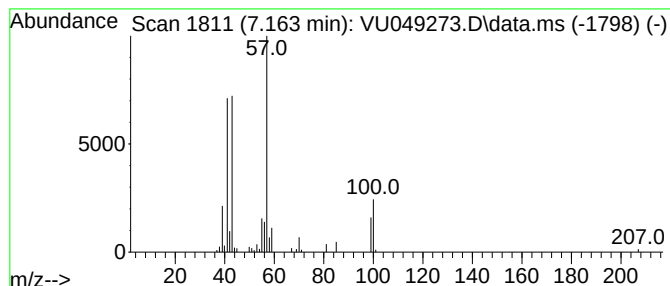
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Butane, 2,3-dimethyl-2,3-di... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.163	1.83 ug/L	109836	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-2,3-dinitro-	176	C6H12N2O4	003964-18-9	53
2			2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	52
3			3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	50
4			3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	46
5			Heptane, 3-bromo-	178	C7H15Br	001974-05-6	43



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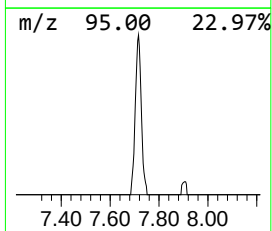
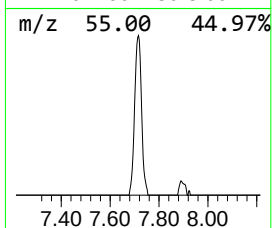
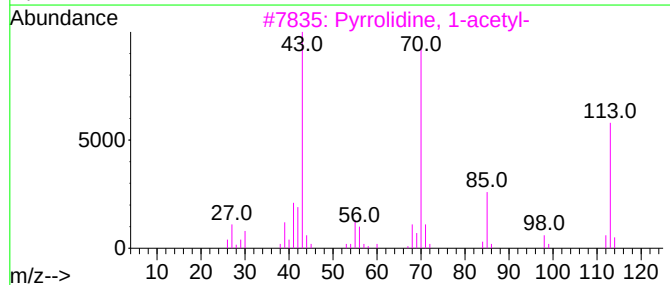
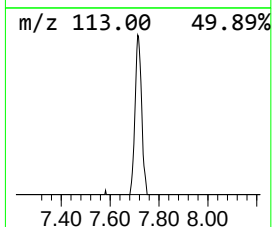
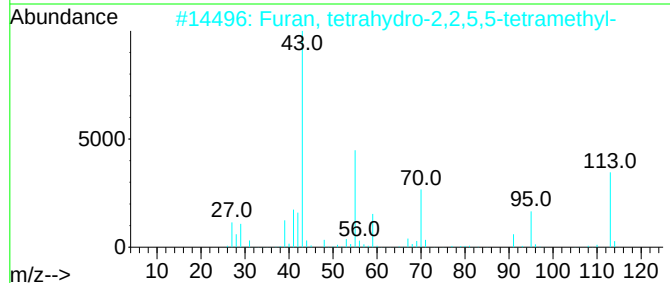
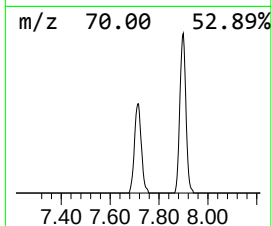
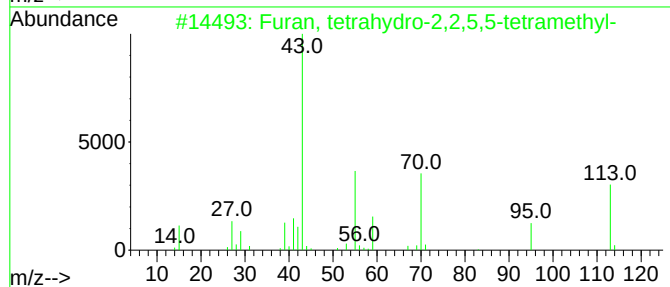
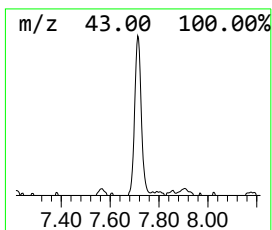
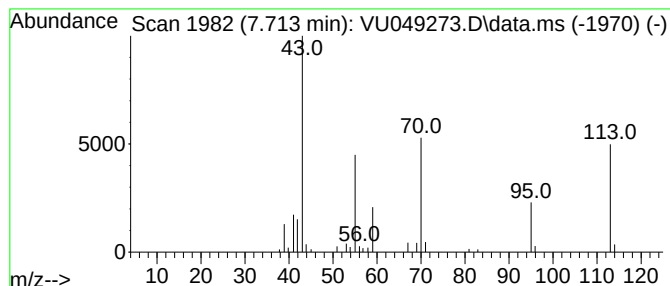
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.713	0.97 ug/L	58297	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	83
2			Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	72
3			Pyrrolidine, 1-acetyl-	113	C6H11NO	004030-18-6	53
4			Pyrrolidine, 1-acetyl-	113	C6H11NO	004030-18-6	53
5			2,5-Hexanediol, 2,5-dimethyl-	146	C8H18O2	000110-03-2	50



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
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
Sulfur dioxide	1.485	5.0	ug/L	299229	1	6.250	299514	5.0
Butane, 2,3-dim...	7.163	1.8	ug/L	109836	1	6.250	299514	5.0
Furan, tetrahyd...	7.713	1.0	ug/L	58297	1	6.250	299514	5.0