

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110824\
 Data File : VV037986.D
 Acq On : 08 Nov 2024 18:12
 Operator : SY/MD
 Sample : P4749-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GCP85

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\SFAMVTR110624WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV037986.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	66	73	84	rBV	127129	135630	1.19%	0.646%
2	1.352	87	97	103	rBV2	60413	131937	1.16%	0.628%
3	1.529	146	152	168	rVB	111548	145281	1.27%	0.692%
4	2.060	306	317	332	rVB3	348709	594364	5.20%	2.830%
5	2.333	365	402	452	rBV	108703	859690	7.53%	4.093%
6	3.809	849	861	904	rBV2	162809	529158	4.63%	2.519%
7	4.243	979	996	1024	rBV	147571	402928	3.53%	1.918%
8	4.725	1133	1146	1166	rBV2	46661	116333	1.02%	0.554%
9	4.950	1202	1216	1246	rBV3	324718	851438	7.45%	4.054%
10	5.529	1380	1396	1430	rBV2	272190	615509	5.39%	2.930%
11	5.821	1473	1487	1526	rBV	5868411	11422949	100.00%	54.384%
12	5.982	1527	1537	1563	rVB	188042	412267	3.61%	1.963%
13	6.915	1813	1827	1853	rBV2	67949	151169	1.32%	0.720%
14	7.239	1914	1928	1971	rBV	360058	692118	6.06%	3.295%
15	7.899	2117	2133	2159	rBV	211193	378411	3.31%	1.802%
16	8.024	2163	2172	2223	rBV	358271	850330	7.44%	4.048%
17	8.780	2397	2407	2434	rBV	466264	818674	7.17%	3.898%
18	9.188	2525	2534	2554	rBV3	36696	126431	1.11%	0.602%
19	10.146	2819	2832	2856	rBV	163959	279677	2.45%	1.332%
20	11.178	3143	3153	3181	rBV	438607	749017	6.56%	3.566%
21	11.554	3260	3270	3292	rVB	370793	612361	5.36%	2.915%
22	11.969	3387	3399	3418	rBV2	46757	128398	1.12%	0.611%

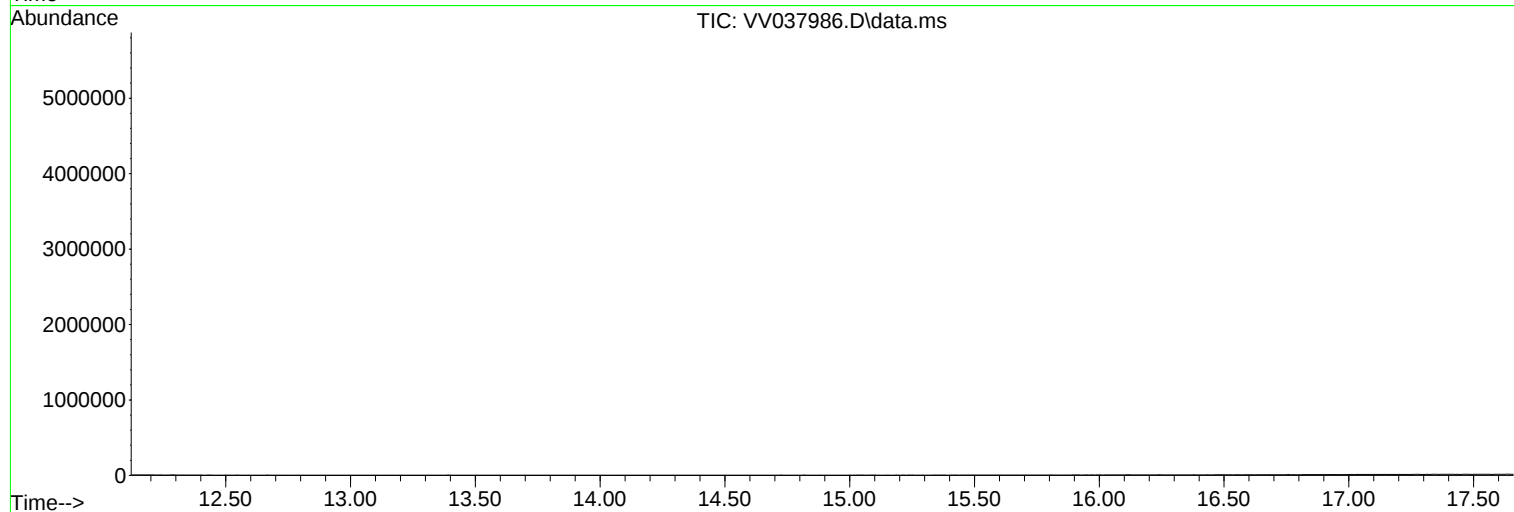
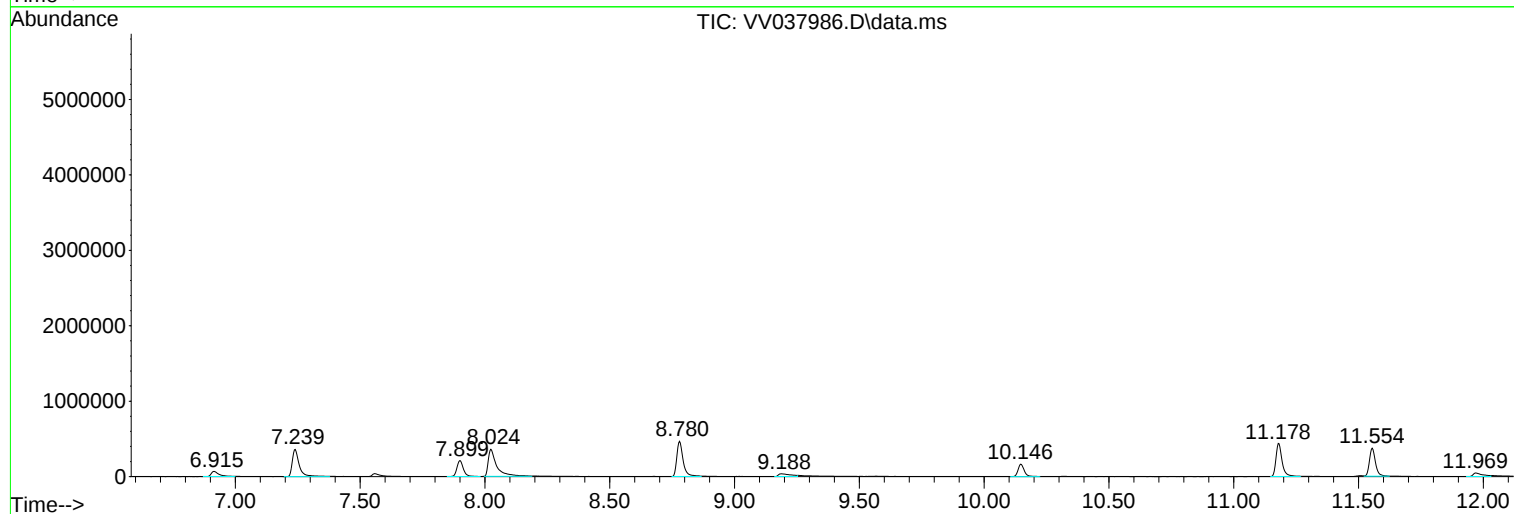
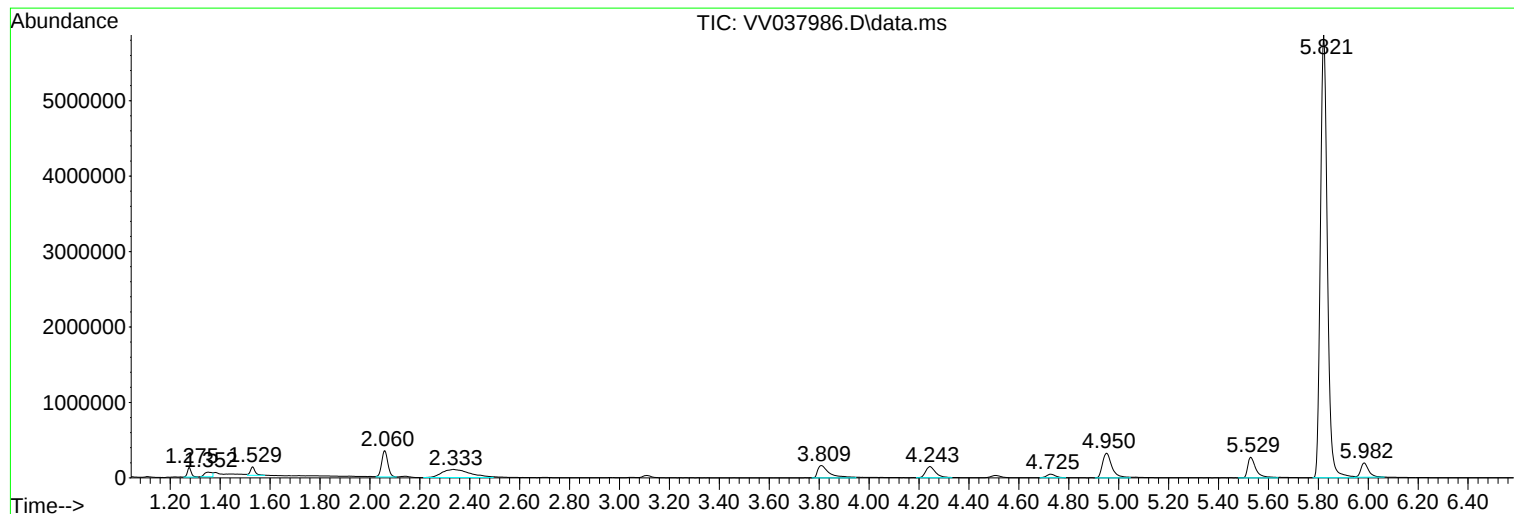
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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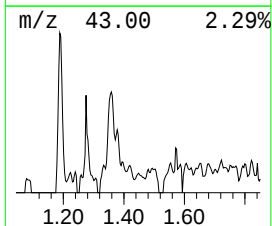
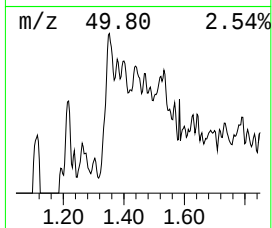
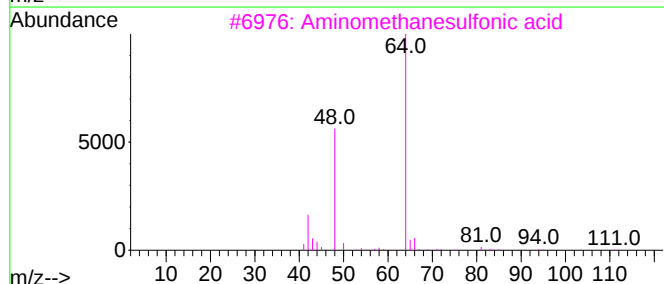
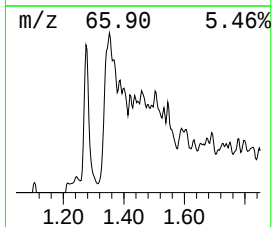
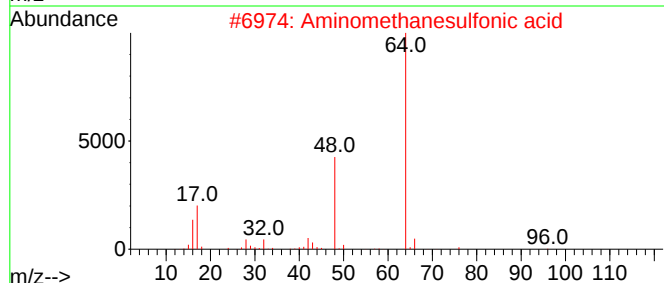
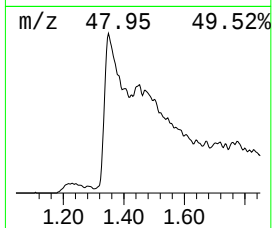
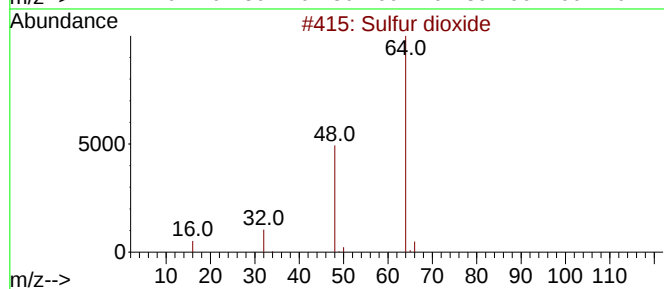
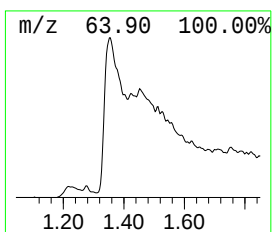
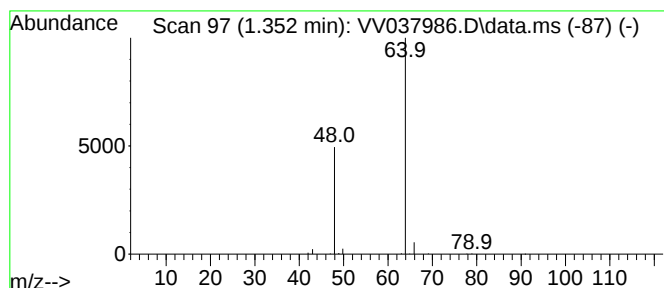
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.352	1.07 ug/L	131937	1,4-Difluorobenzene	5.529

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	74
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5



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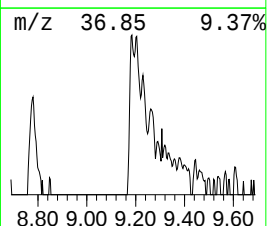
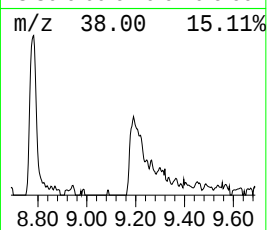
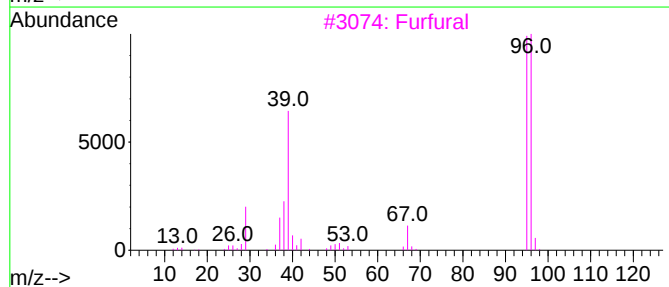
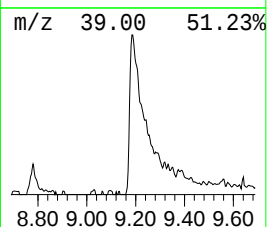
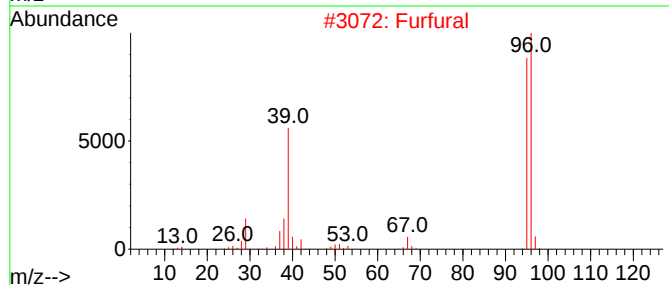
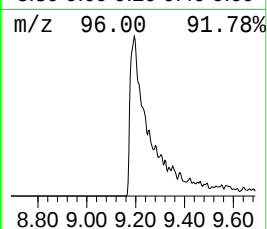
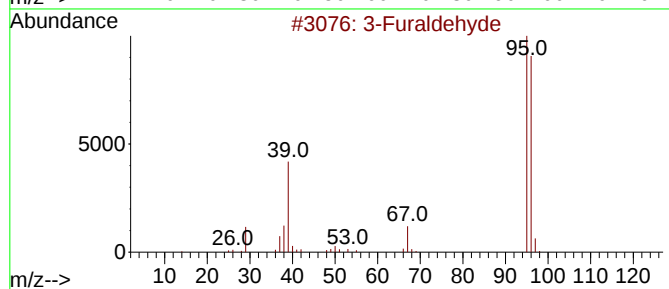
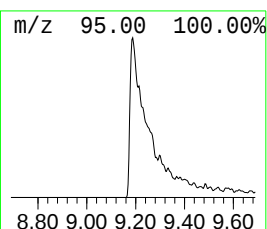
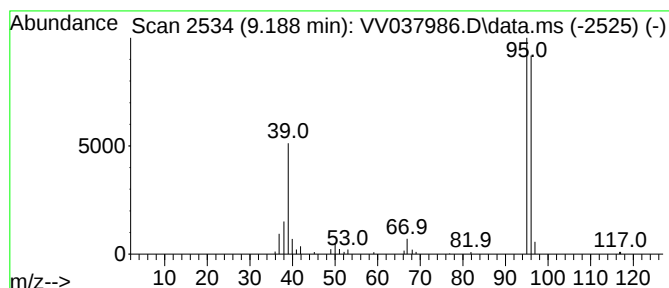
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0

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Peak Number 4 3-Furaldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.188	0.77 ug/L	126431	Chlorobenzene-d5	8.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Furaldehyde			96	C5H4O2	000498-60-2	91
2	Furfural			96	C5H4O2	000098-01-1	91
3	Furfural			96	C5H4O2	000098-01-1	87
4	Furfural			96	C5H4O2	000098-01-1	81
5	2(1H)-Pyridinone			95	C5H5NO	000142-08-5	52



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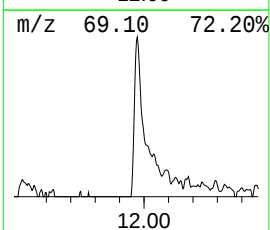
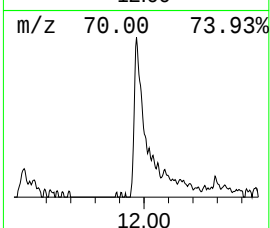
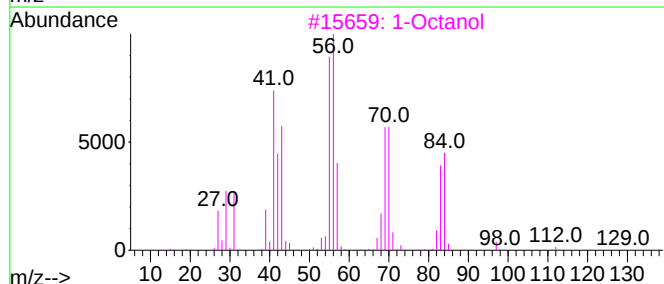
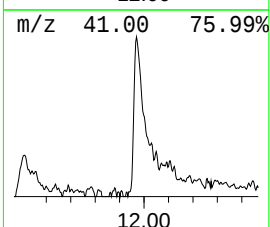
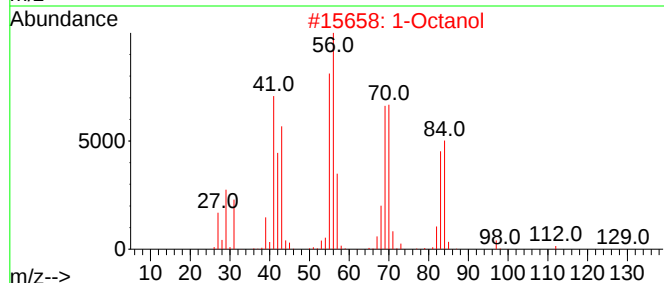
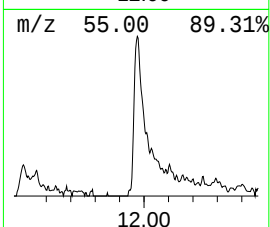
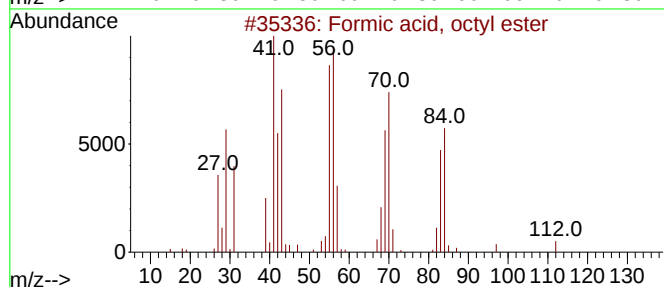
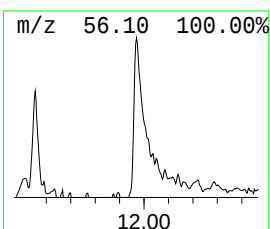
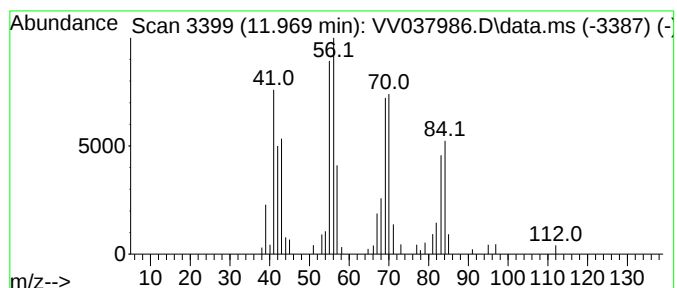
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Formic acid, octyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	0.86 ug/L	128398	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Formic acid, octyl ester	158	C9H18O2	000112-32-3	90
2			1-Octanol	130	C8H18O	000111-87-5	90
3			1-Octanol	130	C8H18O	000111-87-5	86
4			1-Octanol	130	C8H18O	000111-87-5	83
5			Octyl chloroformate	192	C9H17ClO2	007452-59-7	83



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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	1.352	1.1	ug/L	131937	1	5.529	615509	5.0
3-Furaldehyde	9.188	0.8	ug/L	126431	2	8.780	818674	5.0
Formic acid, oc...	11.969	0.9	ug/L	128398	3	11.181	749017	5.0