LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
Data File : VU060255.D
Acq On : 29 Jul 2024 16:50
Operator : MD/SY
Sample : P3344-14DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHB71DL

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\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU060255.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.595	85	95	109	rVB	48157	61194	10.13%	1.310%
2	1.682	113	122	145	rBV	176307	246461	40.79%	5.277%
3	1.907	184	192	207	rVB	47173	66356	10.98%	1.421%
4	2.560	381	395	406	rBV	71863	121126	20.05%	2.594%
5	2.631	406	417	454	rVB	131550	306014	50.65%	6.553%
6	3.039	532	544	562	rBV2	21268	41318	6.84%	0.885%
7	3.187	575	590	614	rBV4	12492	41000	6.79%	0.878%
8	4.441	960	980	1013	rBV6	16386	55613	9.20%	1.191%
9	4.621	1023	1036	1059	rBV	93387	266641	44.13%	5.709%
10	5.055	1155	1171	1194	rBV	92565	210347	34.82%	4.504%
11	5.717	1359	1377	1406	rBV2	160571	427928	70.83%	9.163%
12	6.242	1528	1540	1566	rBV	154454	304689	50.43%	6.524%
13	6.682	1665	1677	1700	rBV	113886	228624	37.84%	4.895%
14	6.881	1732	1739	1753	rBV3	5307	10731	1.78%	0.230%
15	7.560	1940	1950	1975	rBV	45635	83029	13.74%	1.778%
16	7.894	2041	2054	2070	rBV	157640	276790	45.81%	5.927%
17	7.965	2070	2076	2089	rVB4	3147	6606	1.09%	0.141%
18	8.174	2131	2141	2157	rBV	28296	49714	8.23%	1.065%
19	8.550	2245	2258	2268	rBV7	5483	9472	1.57%	0.203%
20	8.627	2270	2282	2321	rBV2	282049	604172	100.00%	12.937%
21	8.788	2321	2332	2343	rVB3	7391	13285	2.20%	0.284%
22	9.412	2511	2526	2558	rBV	230370	396496	65.63%	8.490%
23	10.238	2774	2783	2802	rBV2	11040	20356	3.37%	0.436%
24	10.749	2929	2942	2958	rBV2	106082	173535	28.72%	3.716%
25	10.881	2969	2983	2992	rBV6	2950	6097	1.01%	0.131%
26	11.807	3258	3271	3293	rBV	197012	325177	53.82%	6.963%
27	12.061	3343	3350	3370	rBV4	8041	20380	3.37%	0.436%
28	12.187	3378	3389	3411	rVB	178078	297009	49.16%	6.360%

Sum of corrected areas: 4670160

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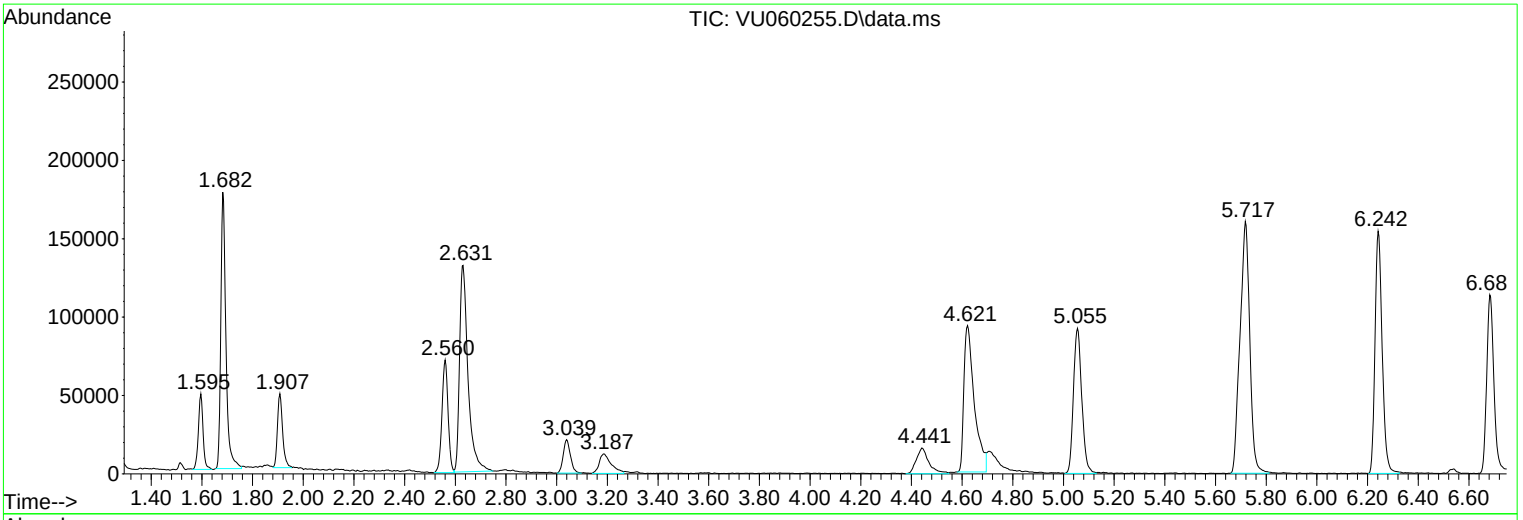
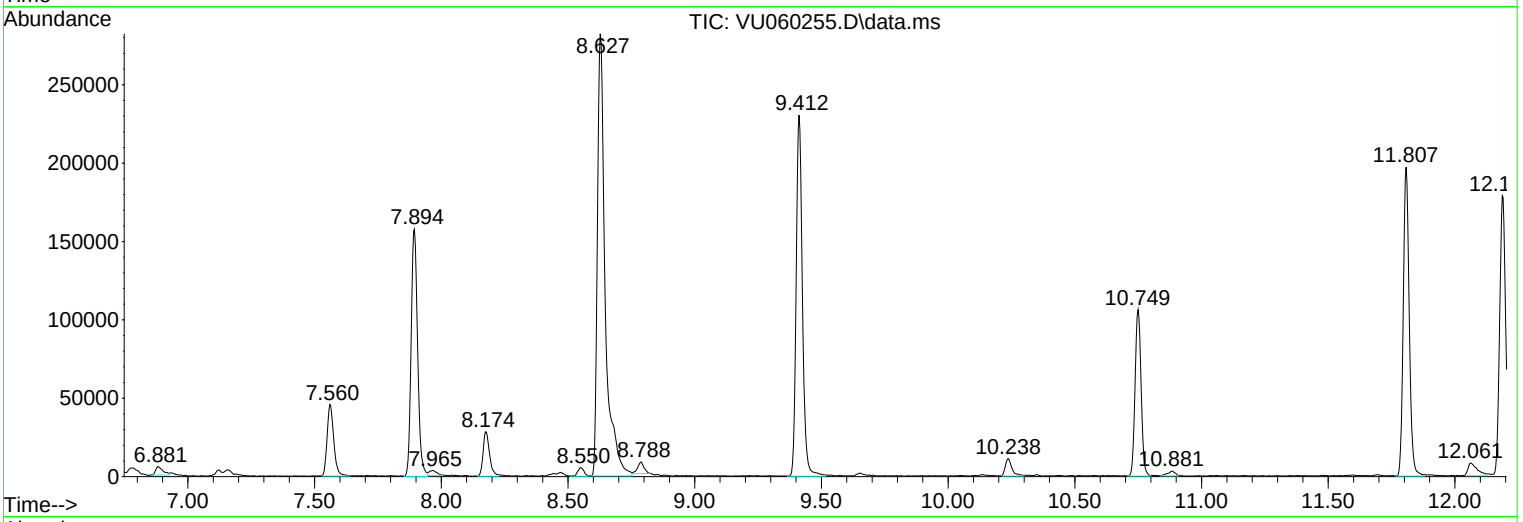
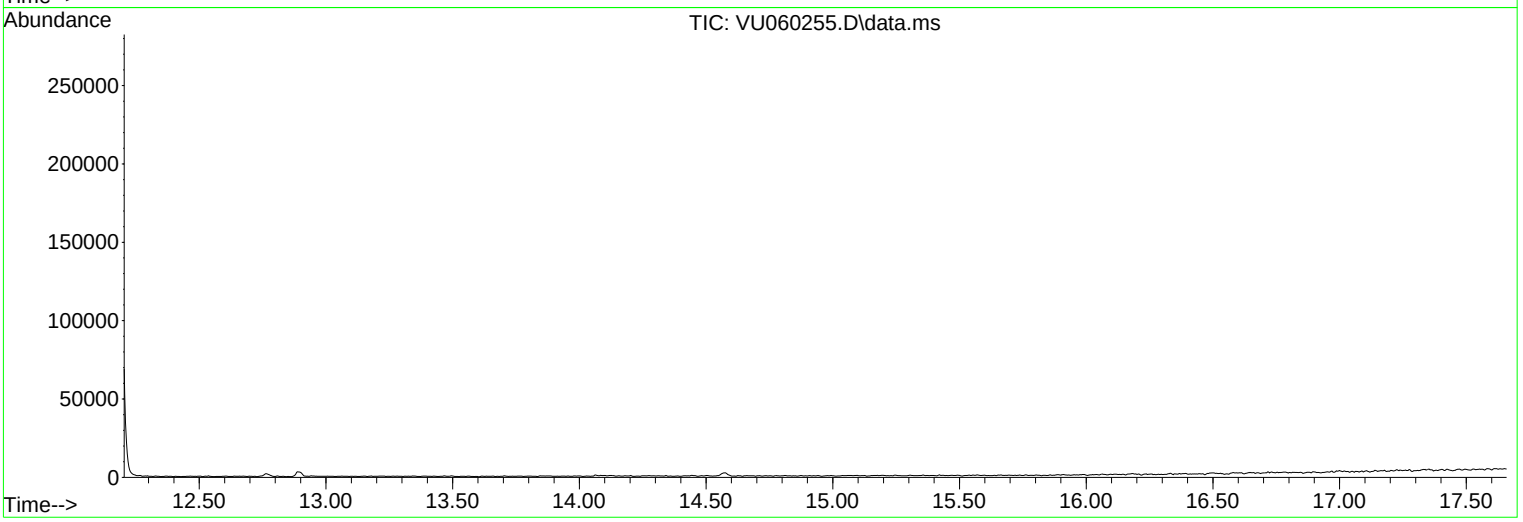
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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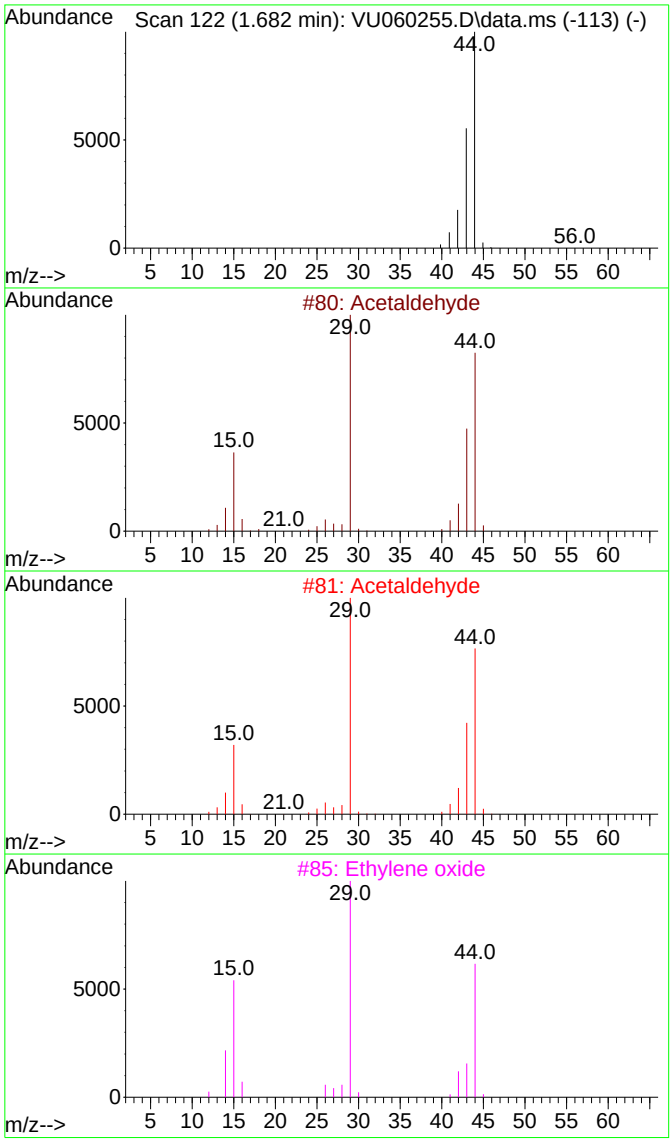
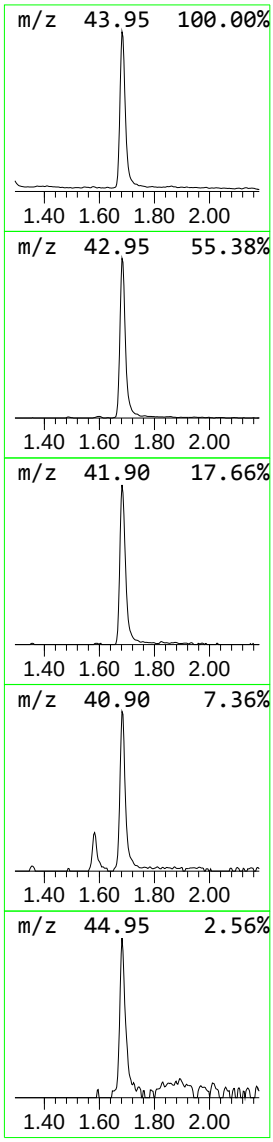
Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.682	4.04 ug/L	246461	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	74
2	Acetaldehyde	44	C2H4O	000075-07-0	74
3	Ethylene oxide	44	C2H4O	000075-21-8	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





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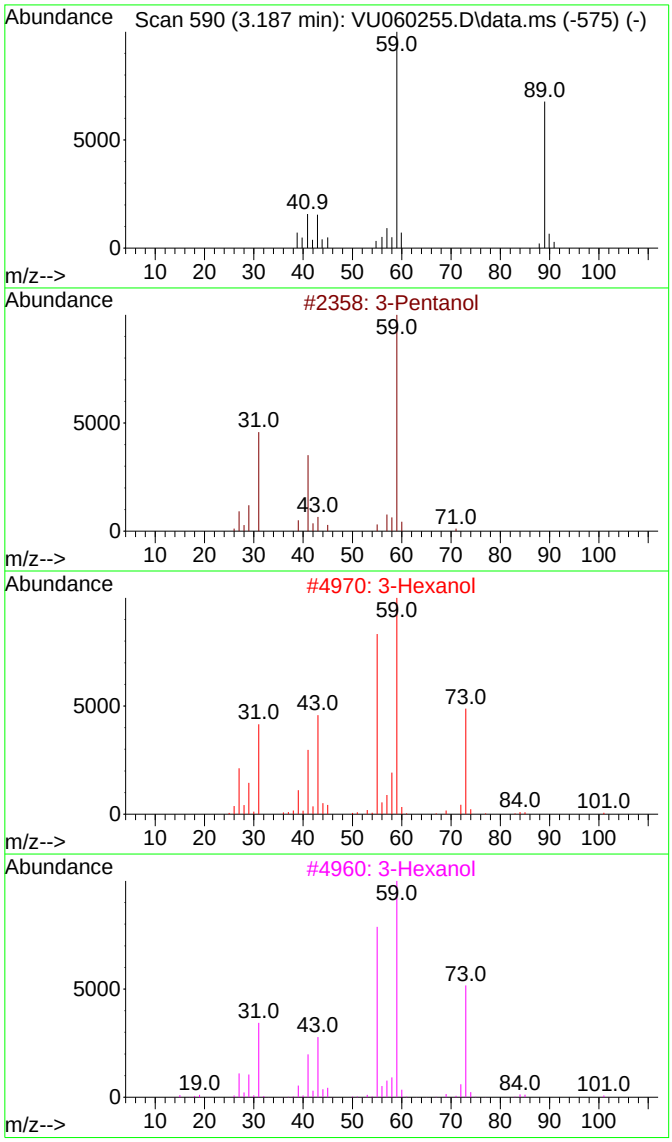
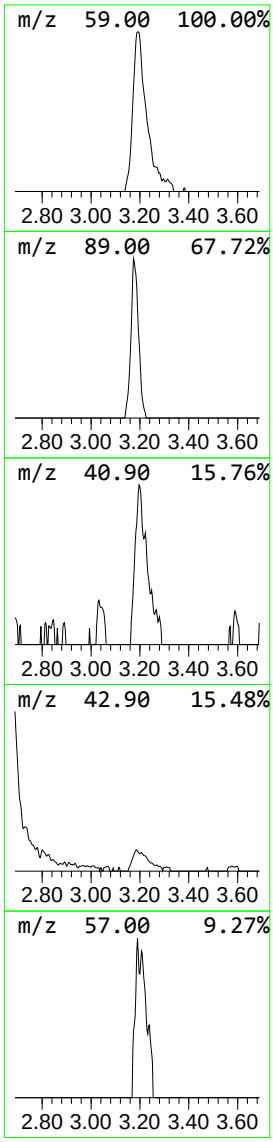
Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.187	0.67 ug/L	41000	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol	88	C5H12O	000584-02-1	40
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	Butane, 2-methoxy-	88	C5H12O	006795-87-5	33
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	28





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Instrument :
MSVOA_U
ClientSampleId :
BHB71DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

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TIC Integration Parameters: LSCINT.P

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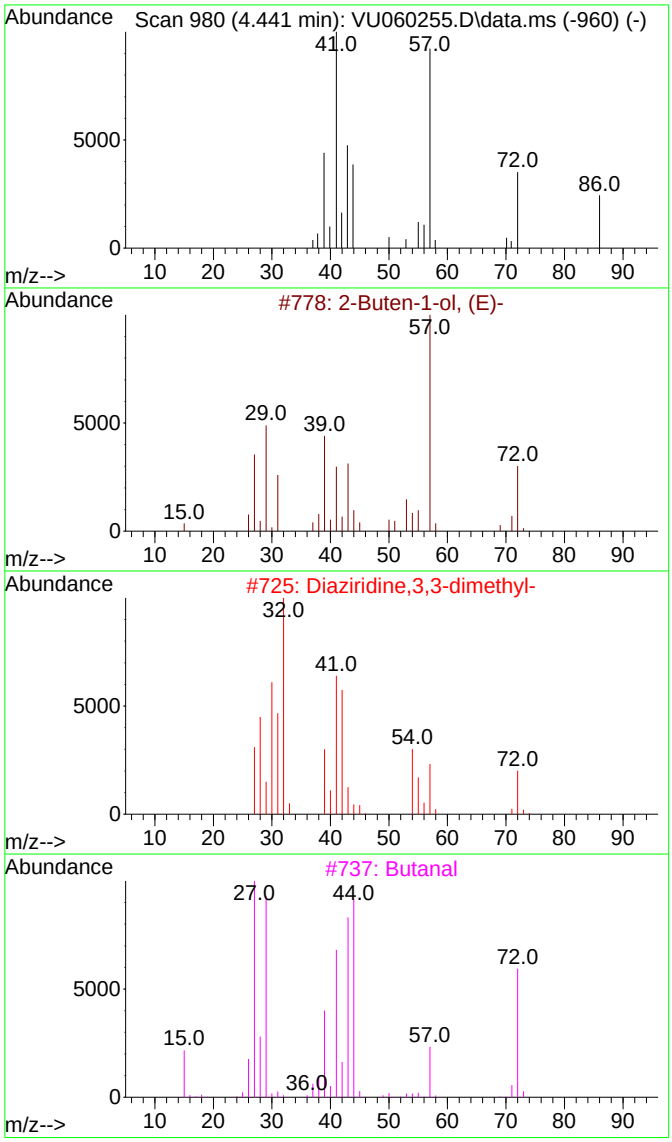
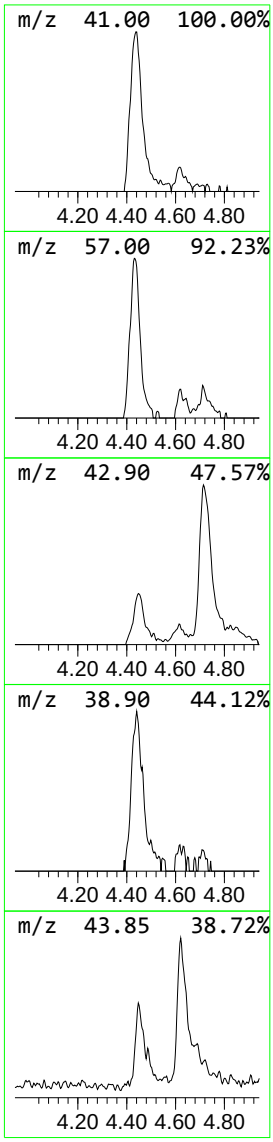
Peak Number 3 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.441	0.91 ug/L	55613	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, (E)-	72	C4H8O	000504-61-0	38
2	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	38
3	Butanal	72	C4H8O	000123-72-8	35
4	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	32
5	Oxalic acid, allyl heptyl ester	228	C12H20O4	1000309-23-5	12





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.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
Acetaldehyde	1.682	4.0	ug/L	246461	1	6.242	304689	5.0
unknown-01	3.187	0.7	ug/L	41000	1	6.242	304689	5.0
unknown-02	4.441	0.9	ug/L	55613	1	6.242	304689	5.0