LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
Data File : VU060959.D
Acq On : 20 Sep 2024 22:07
Operator : MD/SY
Sample : P4092-12 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B53

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\SFAMUTR091624WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU060959.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.599	86	96	114	rVB2	91800	122912	1.53%	0.671%
2	1.898	154	189	198	rBV	60743	128544	1.60%	0.702%
3	2.557	382	394	412	rVB2	87111	167510	2.08%	0.915%
4	3.033	529	542	560	rBV	91211	182723	2.27%	0.998%
5	4.653	1026	1046	1076	rBV2	252018	725681	9.03%	3.964%
6	5.052	1155	1170	1193	rBV2	80522	187764	2.34%	1.026%
7	5.714	1357	1376	1402	rBV2	150315	396095	4.93%	2.163%
8	6.242	1528	1540	1564	rBV	158451	307415	3.82%	1.679%
9	6.531	1614	1630	1666	rBV	1823737	3436921	42.75%	18.772%
10	6.682	1666	1677	1693	rVV	99816	190907	2.37%	1.043%
11	7.891	2040	2053	2067	rBV	164156	285590	3.55%	1.560%
12	8.544	2244	2256	2272	rBV	299119	512808	6.38%	2.801%
13	8.634	2272	2284	2311	rVV	240123	483467	6.01%	2.641%
14	9.412	2514	2526	2548	rBV	229328	391744	4.87%	2.140%
15	9.563	2562	2573	2587	rBV2	84042	135686	1.69%	0.741%
16	9.685	2598	2611	2633	rBV	331952	554609	6.90%	3.029%
17	10.094	2725	2738	2767	rVB	223113	368483	4.58%	2.013%
18	10.750	2931	2942	2954	rBV	88324	145073	1.80%	0.792%
19	10.978	2998	3013	3036	rBV	5156993	8039786	100.00%	43.912%
20	11.084	3036	3046	3065	rVB3	68904	128352	1.60%	0.701%
21	11.286	3098	3109	3121	rBV	57257	93756	1.17%	0.512%
22	11.460	3154	3163	3181	rVB	153602	239311	2.98%	1.307%
23	11.807	3257	3271	3285	rBV	245629	412958	5.14%	2.255%
24	11.888	3285	3296	3308	rVB	125627	197711	2.46%	1.080%
25	12.187	3377	3389	3408	rVB2	252926	473231	5.89%	2.585%

Sum of corrected areas: 18309037

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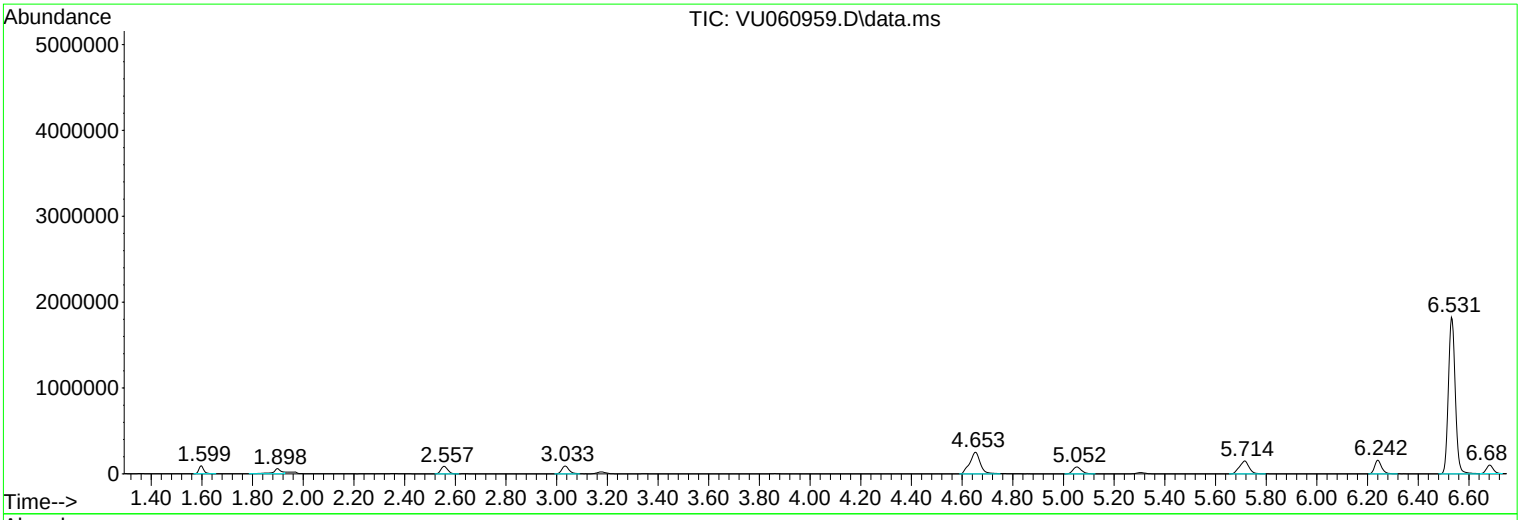
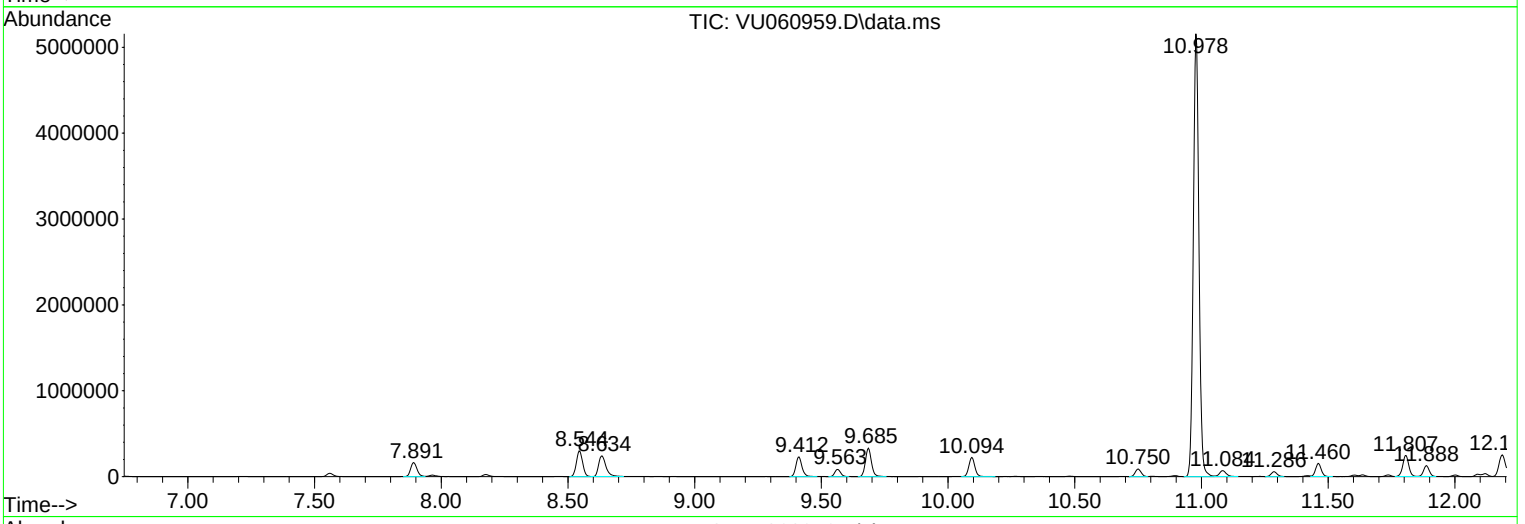
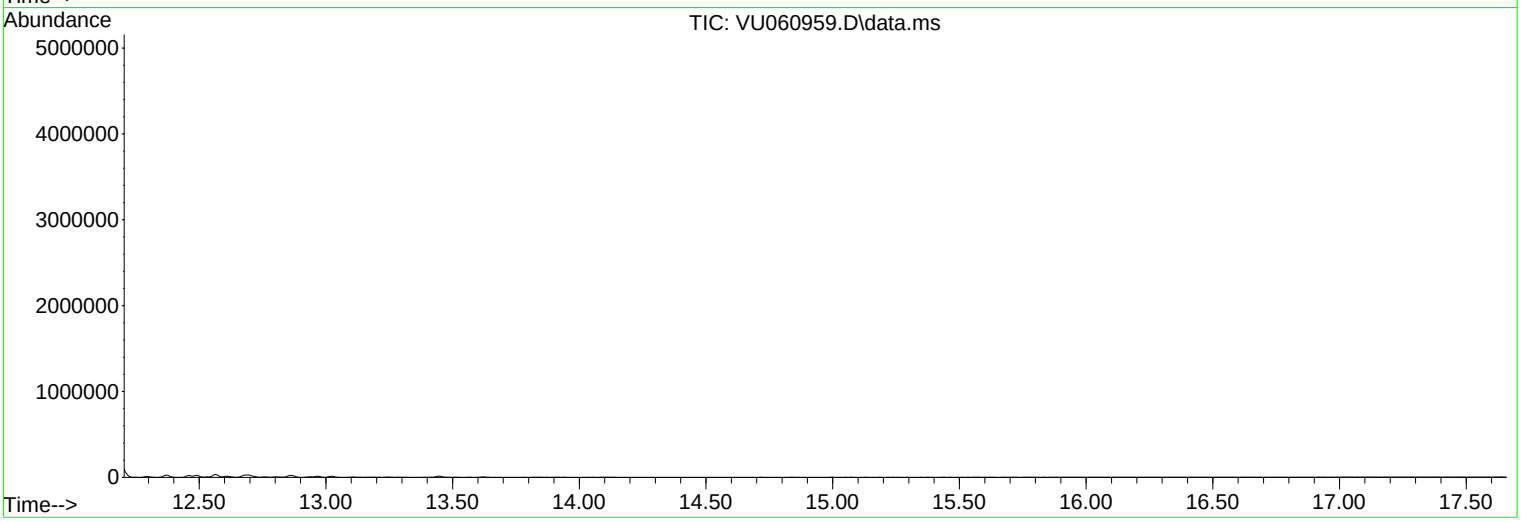
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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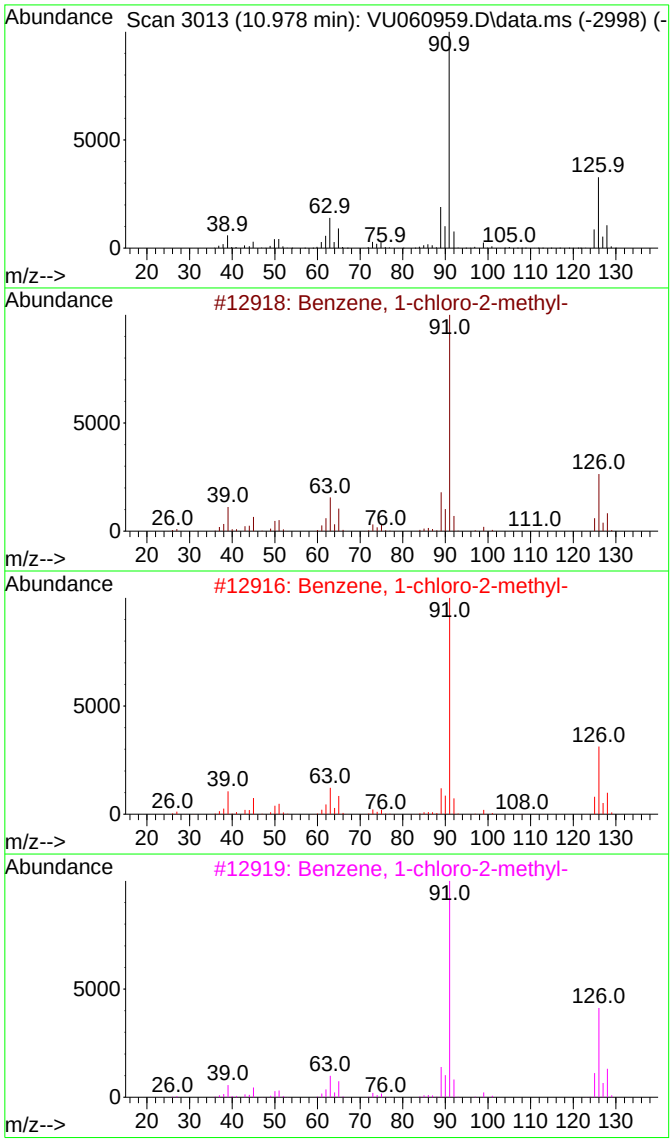
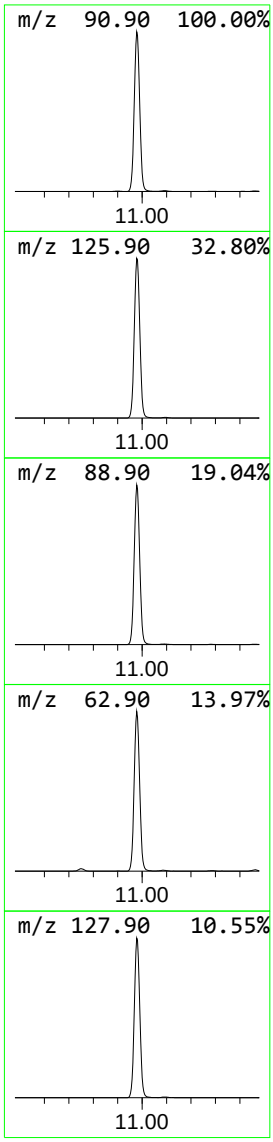
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-chloro-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.978	97.34 ug/L	8039790	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
4	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	94
5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94





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ClientSampleId :
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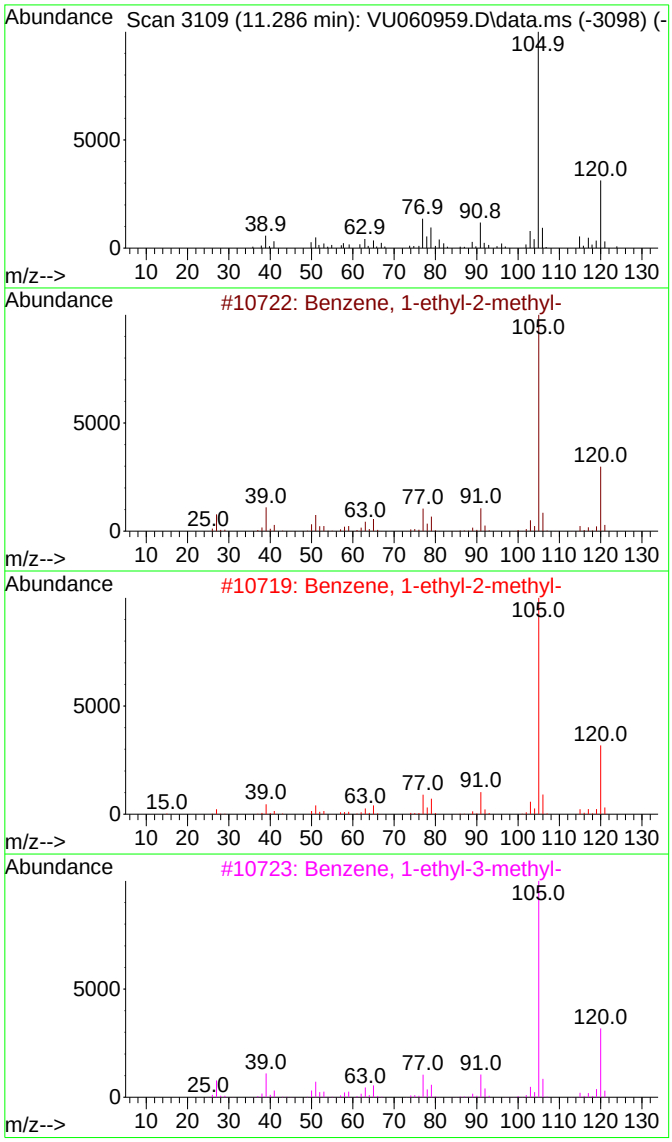
Quant Title : TRACE VOA SFAM1.0

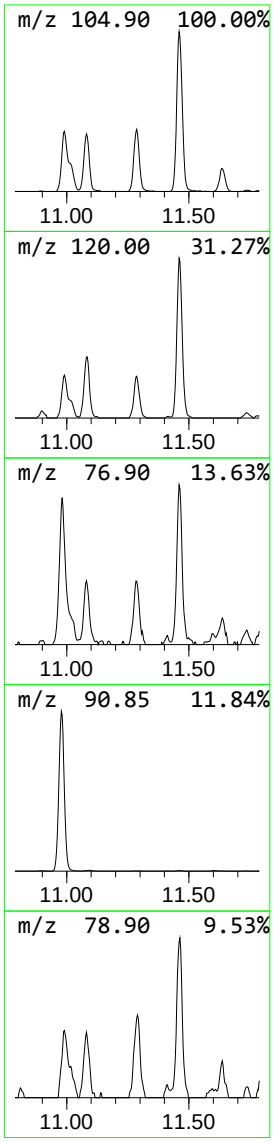
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.287	1.14 ug/L	93756	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Instrument :
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ClientSampleId :
C0B53

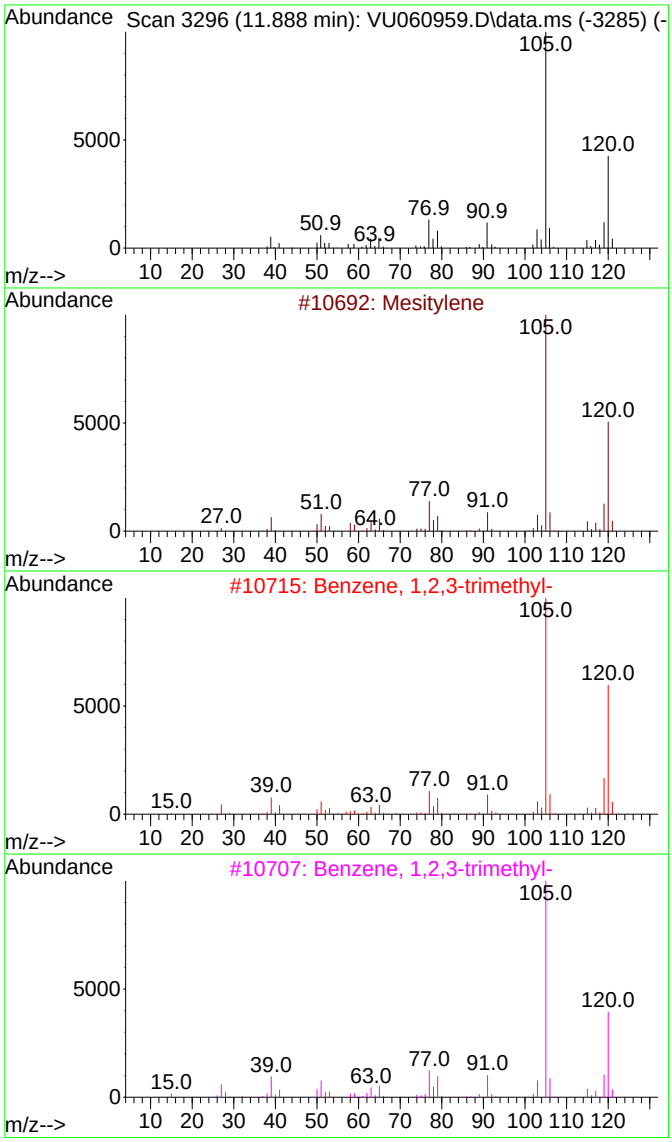
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

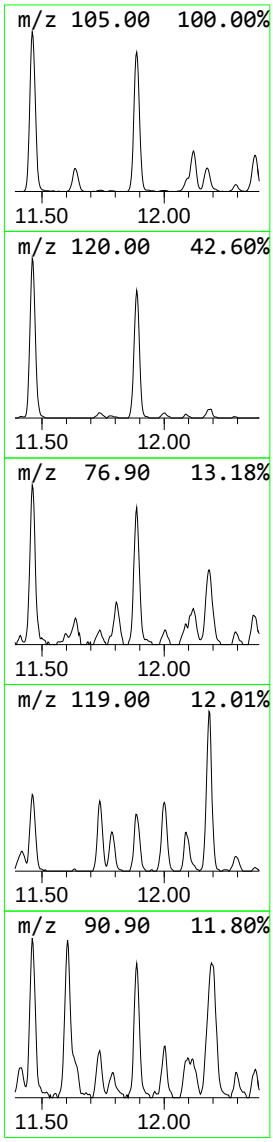
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	2.39 ug/L	197711	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.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
Benzene, 1-chlo...	10.978	97.3	ug/L	8039790	3	11.807	412958	5.0
Benzene, 1-ethy...	11.287	1.1	ug/L	93756	3	11.807	412958	5.0
Benzene, 1,2,3-...	11.888	2.4	ug/L	197711	3	11.807	412958	5.0