LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
Data File : VU060931.D
Acq On : 20 Sep 2024 07:04
Operator : MD/SY
Sample : P4092-09 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B36

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: VU060931.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	87	96	115	rVB2	84760	105317	1.31%	0.588%
2	2.560	382	395	415	rVB3	84946	159729	1.99%	0.892%
3	3.036	530	543	572	rBV	85430	171722	2.14%	0.959%
4	4.653	1026	1046	1074	rBV3	246538	654411	8.17%	3.654%
5	5.052	1152	1170	1195	rBV2	76521	179214	2.24%	1.001%
6	5.715	1359	1376	1396	rBV3	138583	367227	4.58%	2.051%
7	6.242	1527	1540	1563	rBV2	150000	296744	3.70%	1.657%
8	6.531	1616	1630	1665	rBV	1782869	3399031	42.42%	18.980%
9	6.682	1665	1677	1693	rVB2	89787	177164	2.21%	0.989%
10	7.891	2042	2053	2068	rBV	158875	282283	3.52%	1.576%
11	8.544	2241	2256	2273	rBV	310478	527832	6.59%	2.947%
12	8.634	2273	2284	2309	rBV	193246	413761	5.16%	2.310%
13	9.409	2512	2525	2547	rBV	224602	389933	4.87%	2.177%
14	9.563	2563	2573	2587	rBV	79478	127880	1.60%	0.714%
15	9.685	2598	2611	2627	rBV	318672	538818	6.72%	3.009%
16	10.094	2724	2738	2763	rVB	222467	363874	4.54%	2.032%
17	10.750	2931	2942	2953	rBV2	88540	141235	1.76%	0.789%
18	10.978	2998	3013	3036	rBV	5162650	8013020	100.00%	44.743%
19	11.084	3036	3046	3061	rVB3	70813	127605	1.59%	0.713%
20	11.287	3098	3109	3125	rVB	55641	93794	1.17%	0.524%
21	11.460	3154	3163	3177	rVB	155539	242561	3.03%	1.354%
22	11.804	3257	3270	3285	rBV	258174	428778	5.35%	2.394%
23	11.888	3285	3296	3313	rVB	130539	210670	2.63%	1.176%
24	12.187	3377	3389	3409	rVB2	261590	496347	6.19%	2.772%

Sum of corrected areas: 17908950

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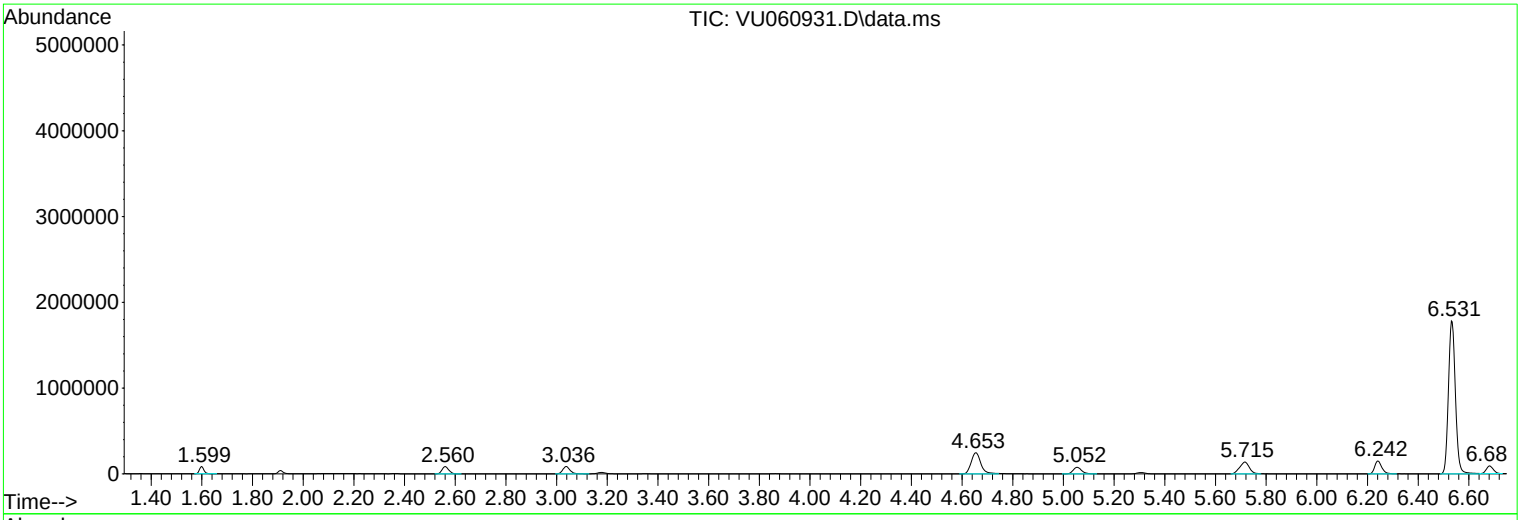
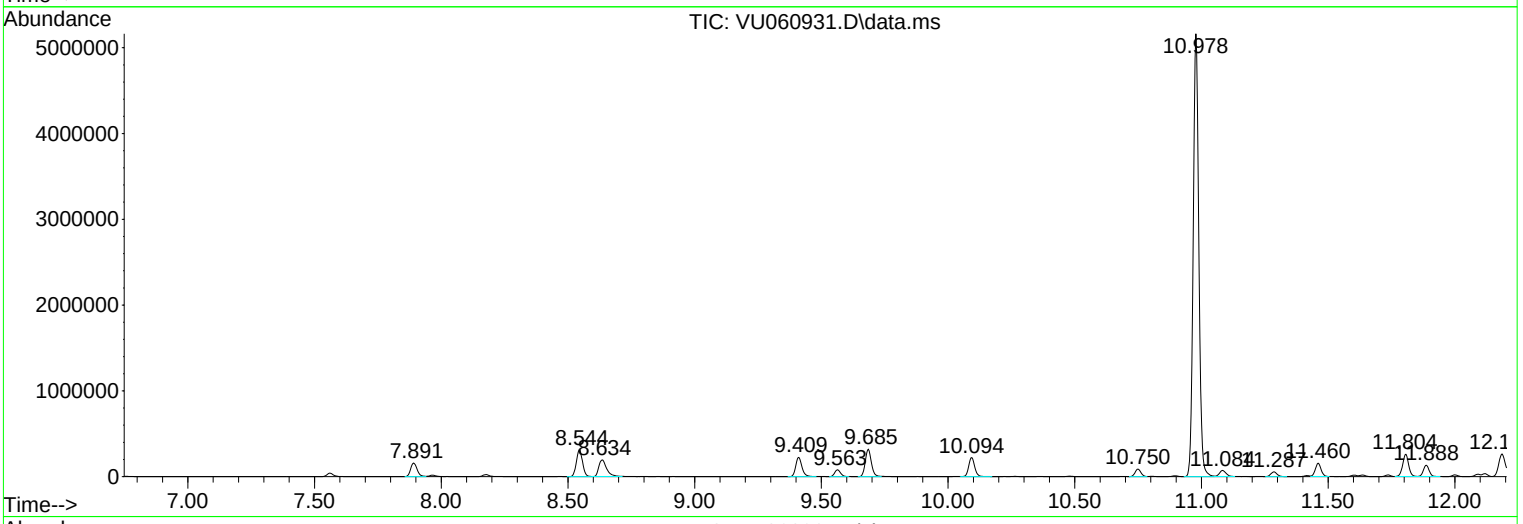
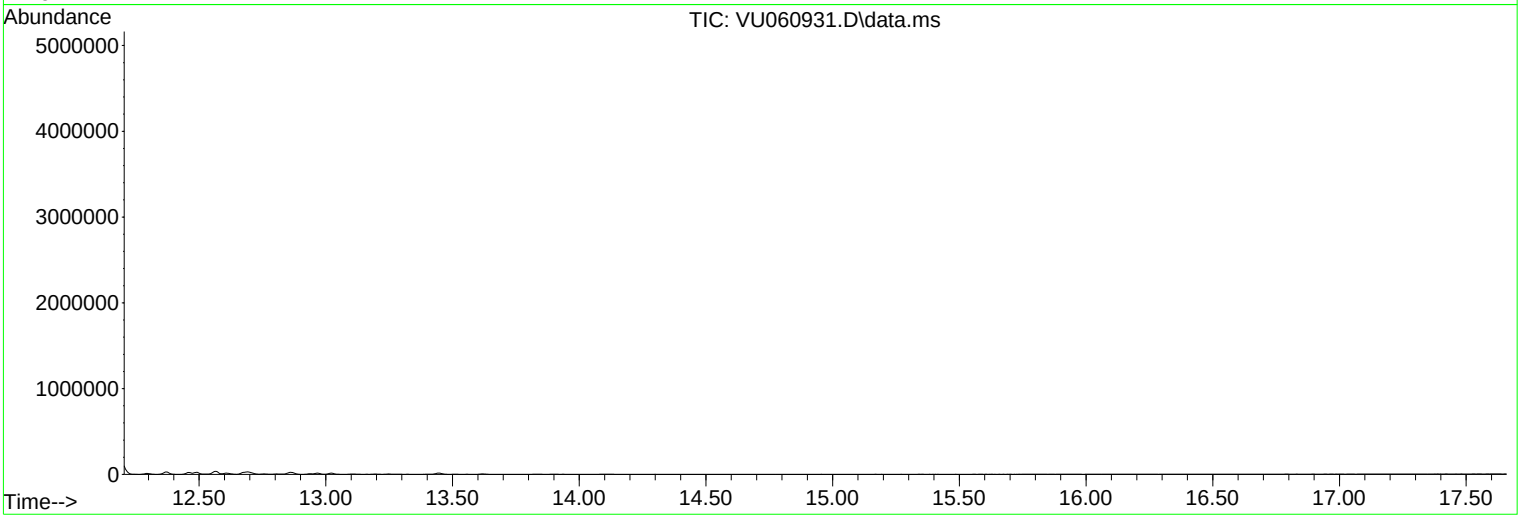
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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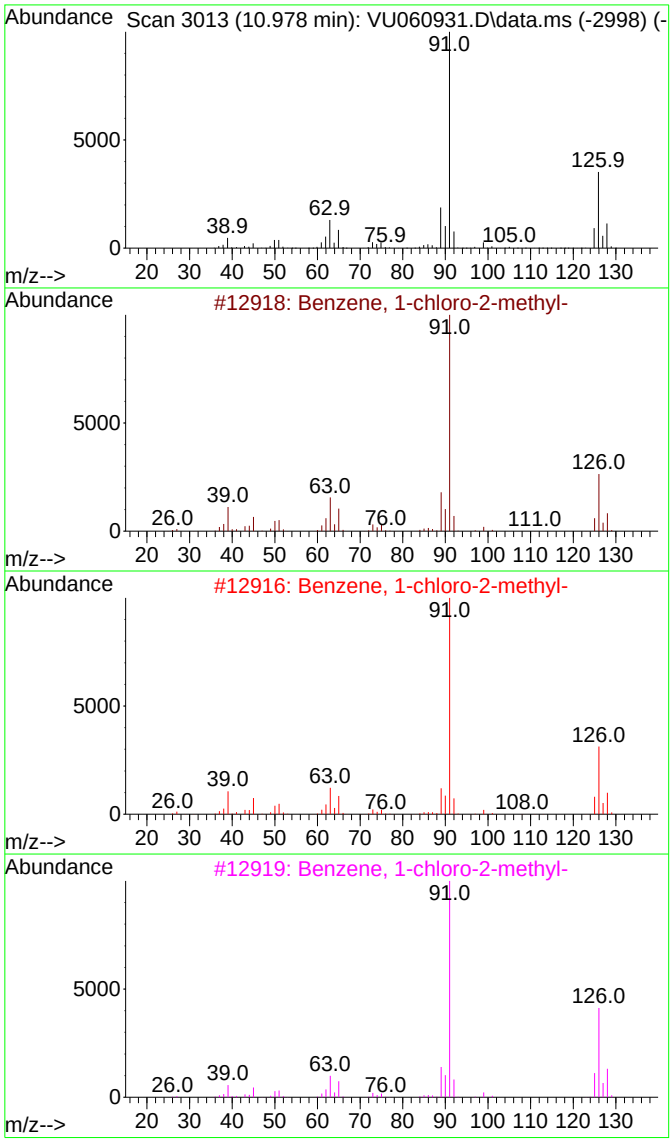
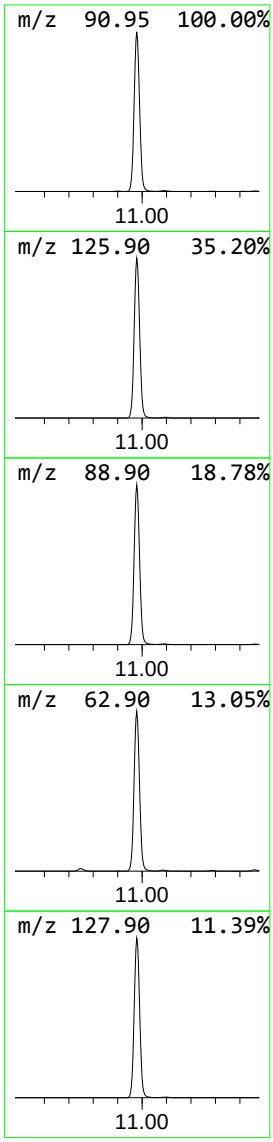
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.978	93.44 ug/L	8013020	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	95
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	95
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	95
5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94





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Instrument :
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ClientSampleId :
C0B36

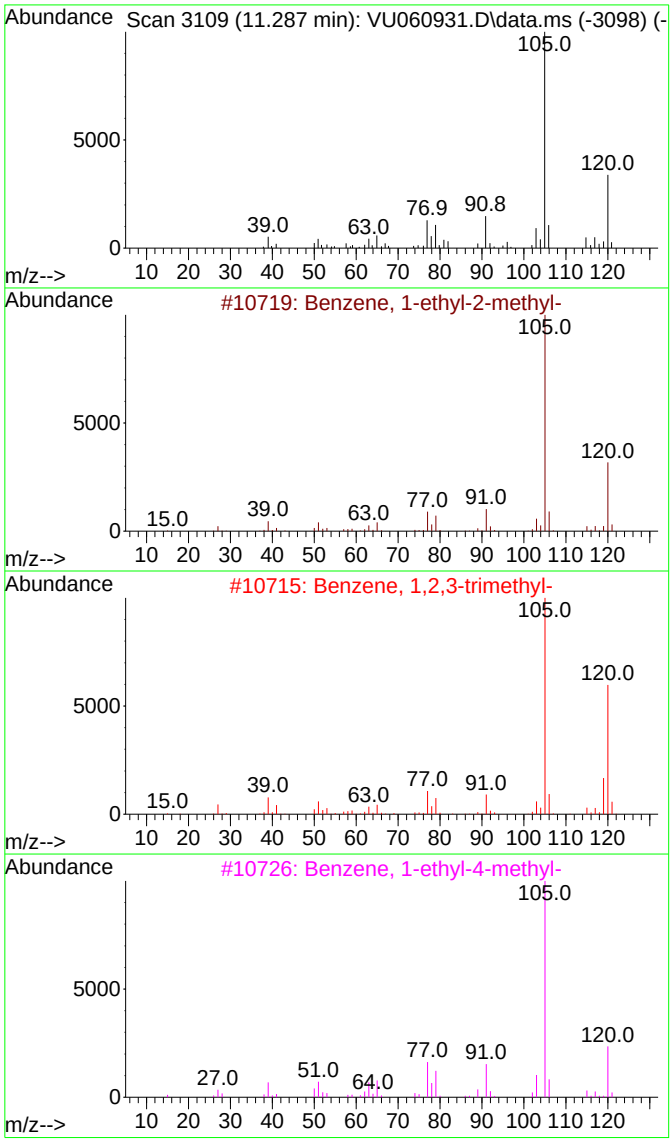
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

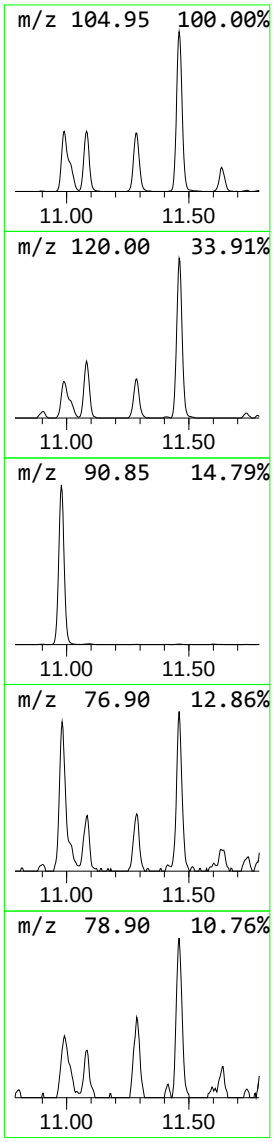
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.287	1.09 ug/L	93794	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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 :
MSVOA_U
ClientSampleId :
C0B36

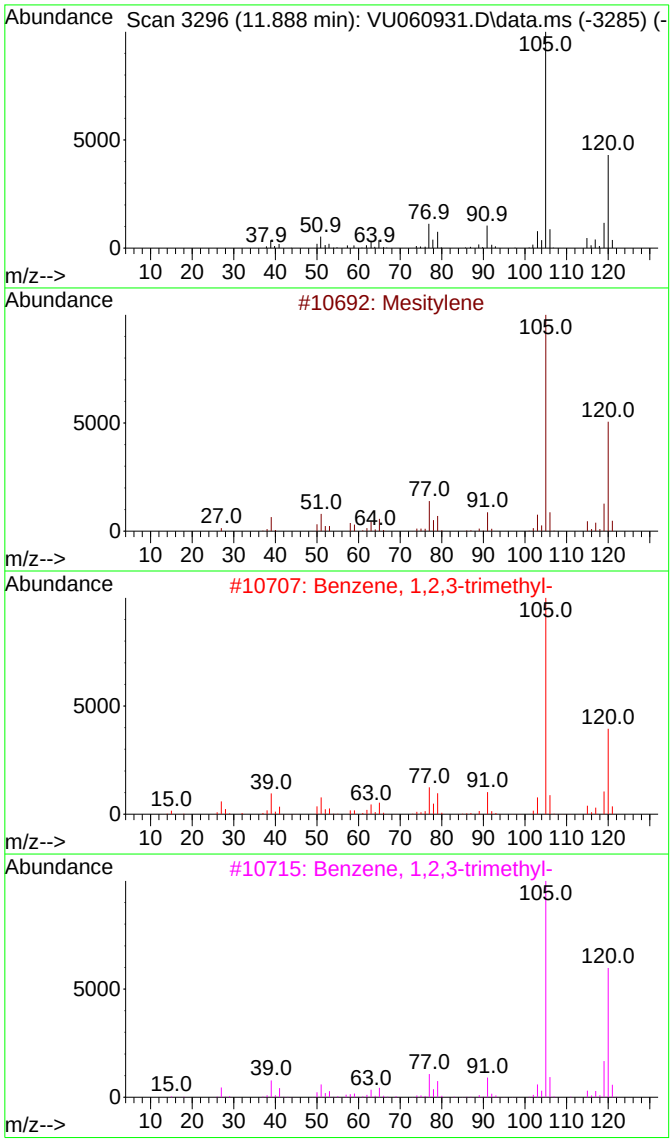
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0

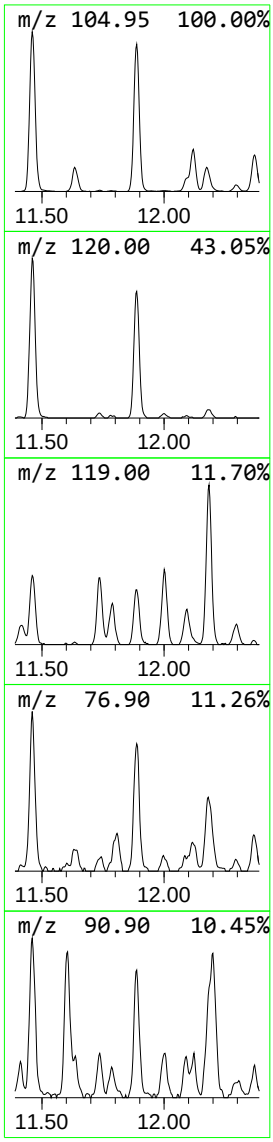
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	2.46 ug/L	210670	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	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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	93.4	ug/L	8013020	3	11.807	428778	5.0
Benzene, 1-ethy...	11.287	1.1	ug/L	93794	3	11.807	428778	5.0
Benzene, 1,2,3-...	11.888	2.5	ug/L	210670	3	11.807	428778	5.0