

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
 Data File : VV026546.D
 Acq On : 24 Jun 2022 11:29
 Operator : SY/MD
 Sample : N3401-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE6

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\SFAMVTR062322WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV026546.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.320	65	87	97	rBV	122960	155198	22.72%	2.485%
2	1.446	98	126	161	rVV	108639	621411	90.95%	9.951%
3	1.581	161	168	177	rVB	105330	124981	18.29%	2.001%
4	2.121	326	336	352	rVB	205873	302696	44.30%	4.847%
5	3.908	876	892	924	rBV2	58942	202031	29.57%	3.235%
6	4.359	1016	1032	1055	rBV	125332	312489	45.74%	5.004%
7	5.056	1230	1249	1287	rBV2	271324	683224	100.00%	10.941%
8	5.622	1414	1425	1458	rBV	230293	475557	69.60%	7.615%
9	6.076	1553	1566	1595	rBV	156854	323794	47.39%	5.185%
10	6.992	1840	1851	1868	rBV	57146	105574	15.45%	1.691%
11	7.317	1941	1952	1971	rBV	311782	555716	81.34%	8.899%
12	7.629	2040	2049	2068	rBV	31453	58051	8.50%	0.930%
13	8.092	2181	2193	2221	rBV	211108	420253	61.51%	6.730%
14	8.854	2419	2430	2457	rBV	340983	563759	82.51%	9.028%
15	10.217	2843	2854	2869	rBV2	102744	161006	23.57%	2.578%
16	11.246	3163	3174	3194	rBV	295028	461944	67.61%	7.397%
17	11.622	3279	3291	3309	rBV	262076	421879	61.75%	6.756%
18	12.410	3520	3536	3549	rBV	131498	196616	28.78%	3.148%
19	13.268	3793	3803	3813	rBV	35550	50157	7.34%	0.803%
20	13.400	3833	3844	3854	rVB	17594	24971	3.65%	0.400%
21	14.230	4093	4102	4116	rVB2	16105	23545	3.45%	0.377%

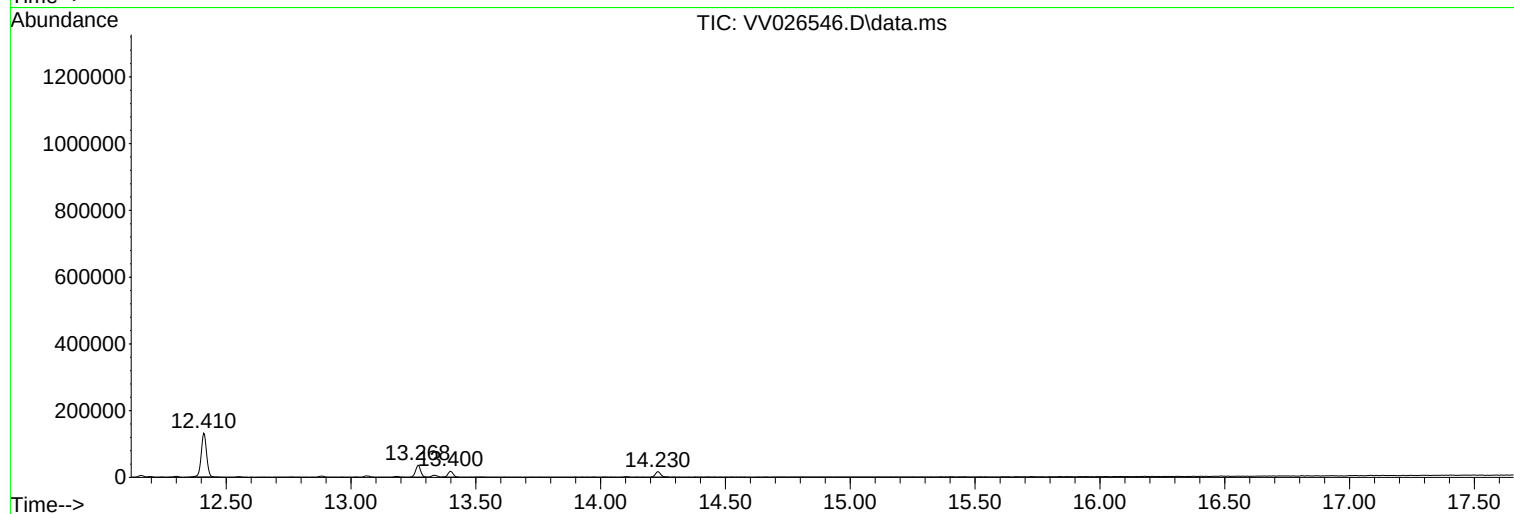
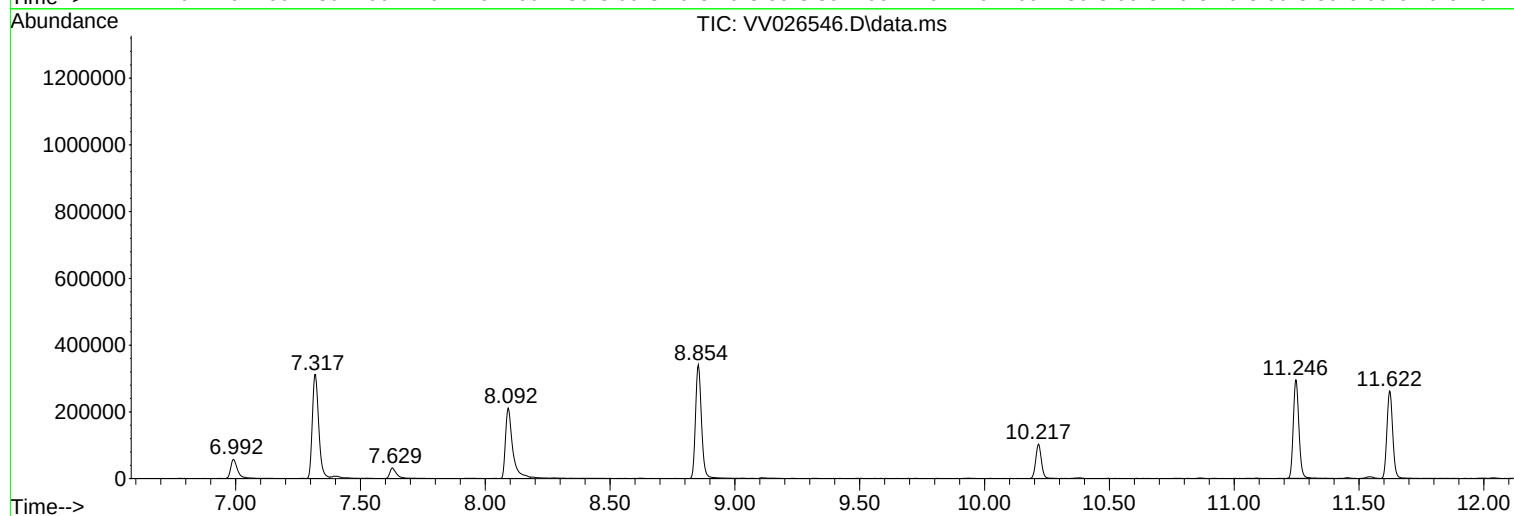
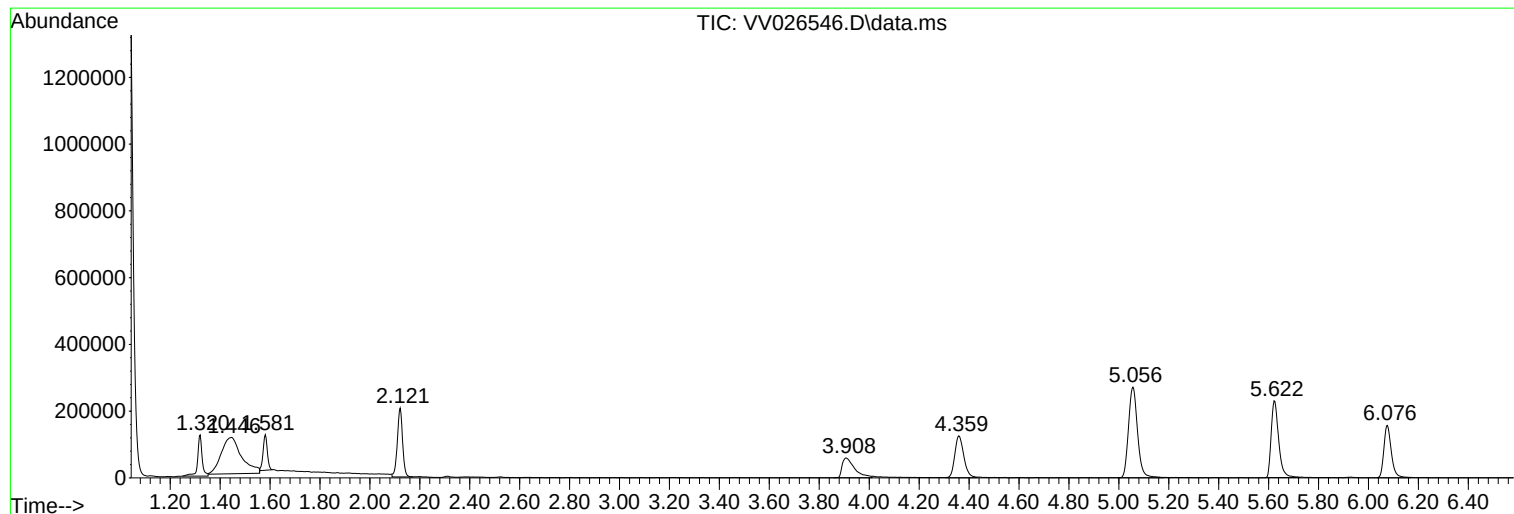
Sum of corrected areas: 6244852

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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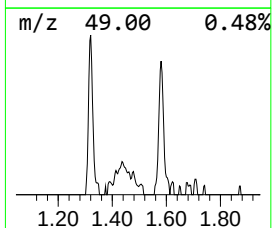
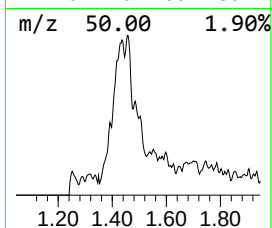
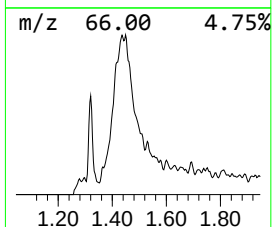
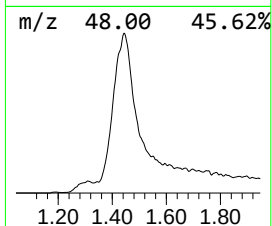
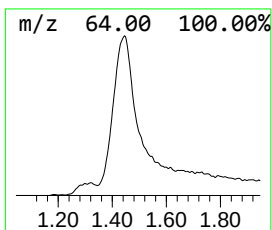
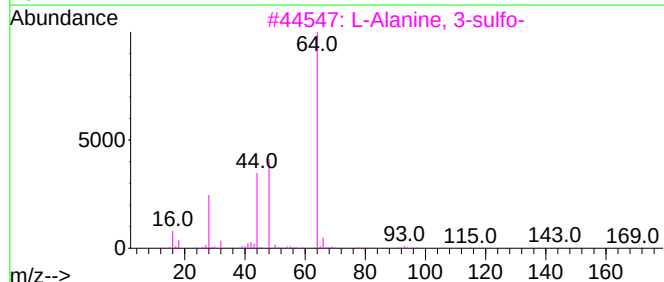
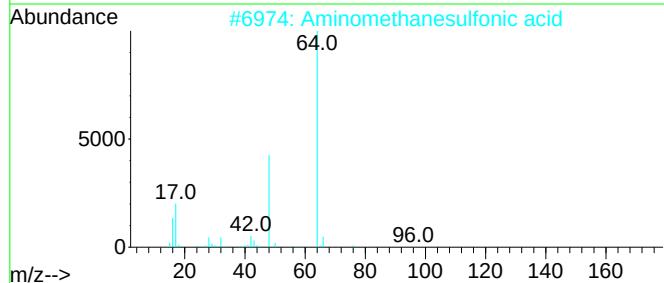
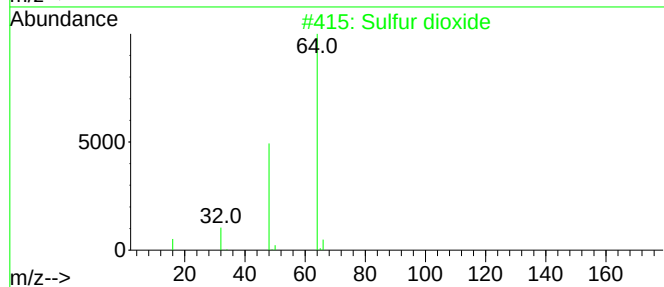
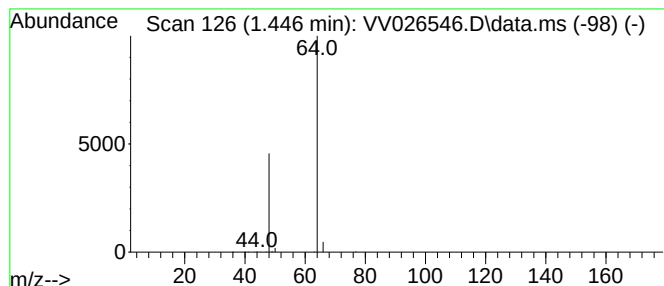
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

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.
1.446	6.53 ug/L	621411	1,4-Difluorobenzene	5.625

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			Sulfur dioxide	64	O2S	007446-09-5	4
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



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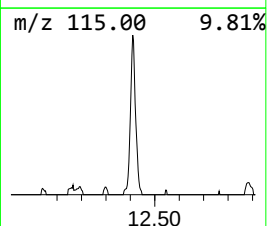
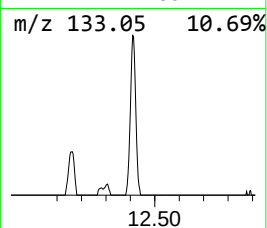
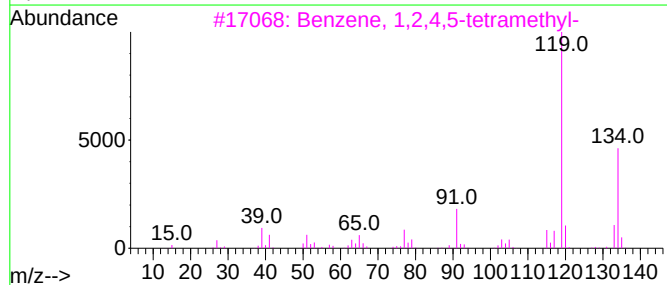
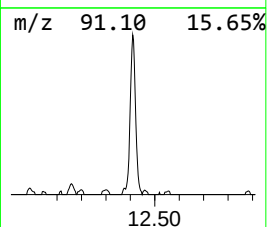
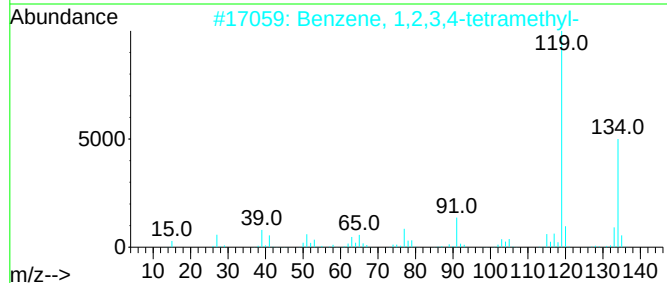
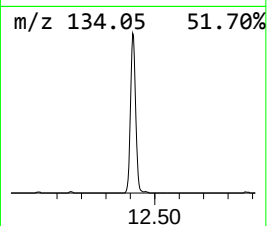
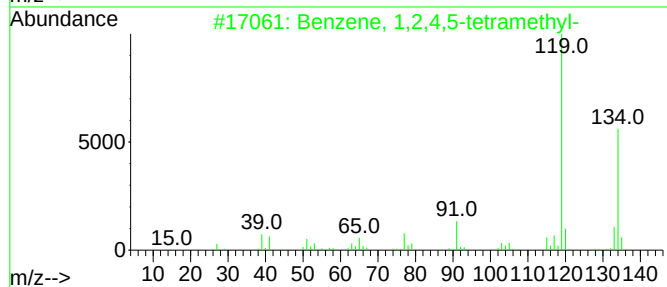
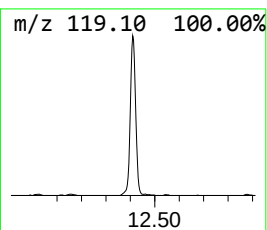
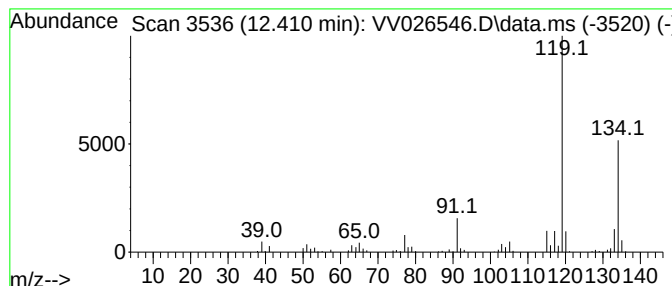
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	2.13 ug/L	196616	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



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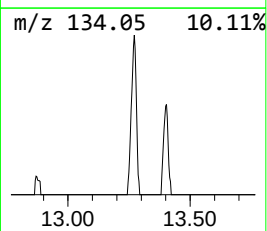
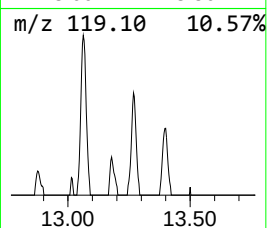
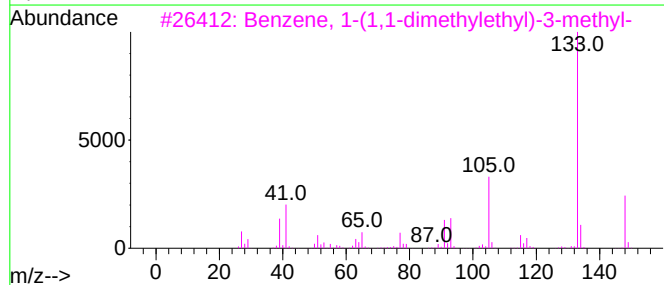
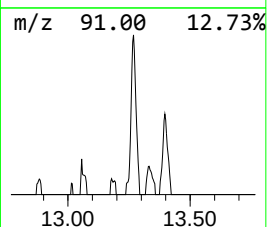
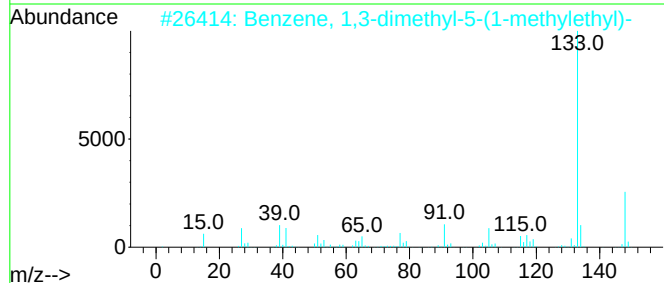
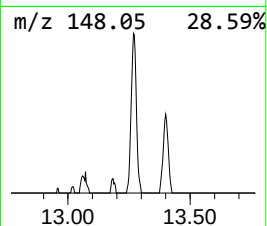
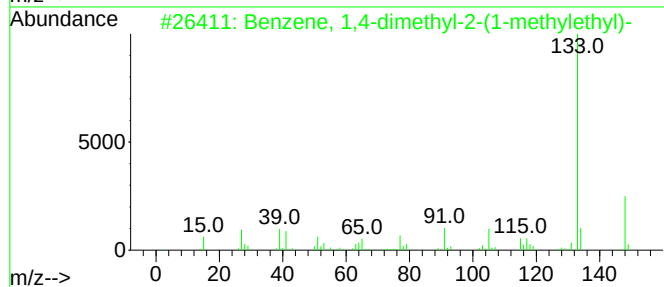
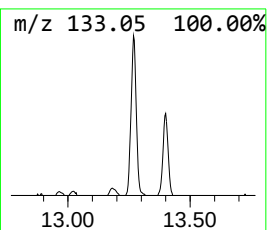
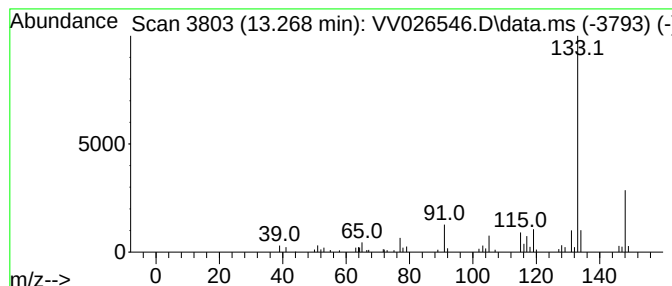
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Benzene, 1,4-dimethyl-2-(1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	0.54 ug/L	50157	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
2			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
3			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	87
4			4-tert-Butyltoluene	148	C11H16	000098-51-1	87
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	87



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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	1.446	6.5	ug/L	621411	1	5.625	475557	5.0
Benzene, 1,2,4,...	12.410	2.1	ug/L	196616	3	11.249	461944	5.0
Benzene, 1,4-di...	13.268	0.5	ug/L	50157	3	11.249	461944	5.0