

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022324\
 Data File : VV034365.D
 Acq On : 23 Feb 2024 10:55
 Operator : SY/MD
 Sample : P1511-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNF0

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\SFAMVTR012524WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV034365.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.185	36	45	67	rBV	25276	62707	9.56%	1.934%
2	1.281	68	75	84	rVB	33614	35910	5.47%	1.107%
3	1.355	84	98	105	rBV3	13243	37612	5.73%	1.160%
4	1.535	147	154	165	rVB	32342	36632	5.58%	1.130%
5	2.060	308	317	333	rVB	63810	97129	14.80%	2.995%
6	2.137	333	341	364	rVV	4030	9993	1.52%	0.308%
7	2.706	504	518	542	rVB2	63004	134542	20.50%	4.149%
8	3.815	851	863	904	rBV	87341	240859	36.70%	7.427%
9	4.252	982	999	1027	rBV2	42296	110679	16.87%	3.413%
10	4.960	1205	1219	1248	rBV2	98879	250464	38.17%	7.723%
11	5.211	1285	1297	1313	rVB4	4364	10769	1.64%	0.332%
12	5.535	1384	1398	1422	rBV	78922	164832	25.12%	5.083%
13	5.831	1466	1490	1520	rBV	324374	656243	100.00%	20.236%
14	5.992	1526	1540	1561	rBV2	56166	117069	17.84%	3.610%
15	6.918	1819	1828	1857	rBV	23039	45524	6.94%	1.404%
16	7.243	1920	1929	1947	rBV	117416	211289	32.20%	6.515%
17	7.323	1947	1954	1972	rVB	13400	26341	4.01%	0.812%
18	7.561	2019	2028	2048	rBV	12407	23939	3.65%	0.738%
19	8.030	2165	2174	2210	rBV	98492	207153	31.57%	6.388%
20	8.786	2399	2409	2444	rBV	128439	213169	32.48%	6.573%
21	9.082	2492	2501	2511	rBV4	5332	9168	1.40%	0.283%
22	9.484	2617	2626	2643	rBV3	4677	7594	1.16%	0.234%
23	10.156	2825	2835	2850	rBV2	38089	60340	9.19%	1.861%
24	10.294	2868	2878	2888	rBV	6287	9844	1.50%	0.304%
25	10.387	2897	2907	2912	rBV2	17800	26743	4.08%	0.825%
26	10.677	2990	2997	3009	rBV2	11565	16888	2.57%	0.521%
27	10.853	3044	3052	3068	rVB2	11695	18482	2.82%	0.570%
28	11.185	3146	3155	3177	rBV	132997	211097	32.17%	6.509%
29	11.561	3262	3272	3295	rVB	118713	189941	28.94%	5.857%

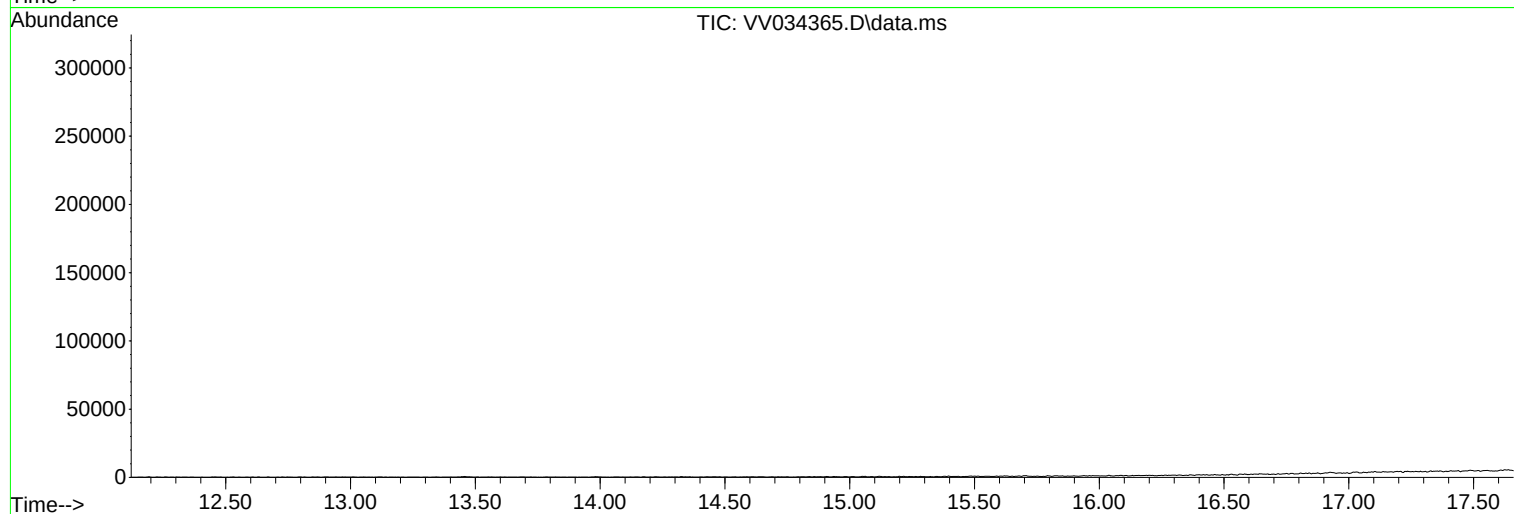
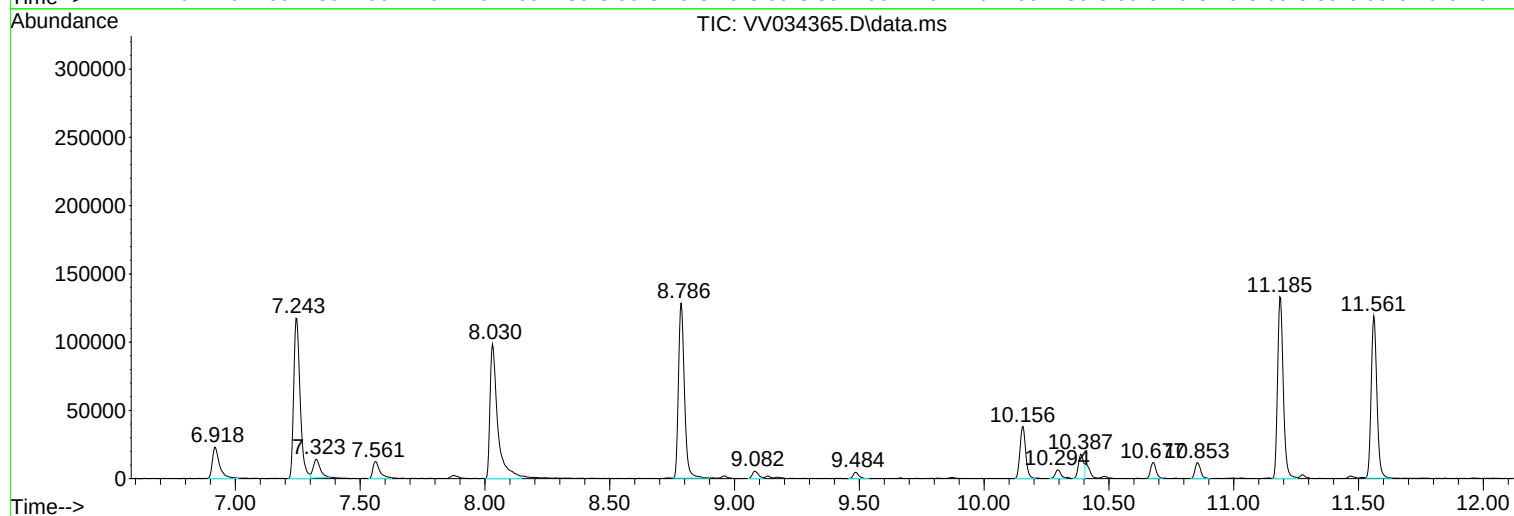
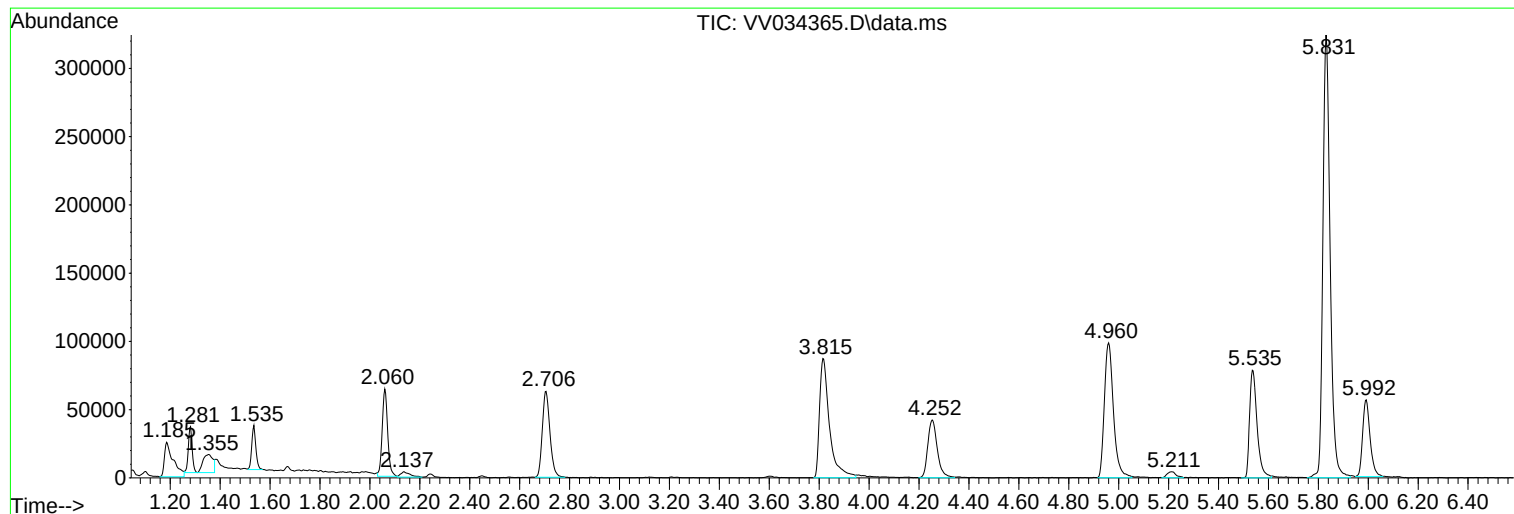
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ClientSampleId :
DCNF0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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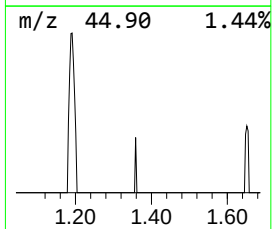
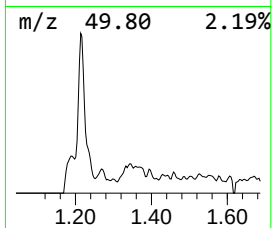
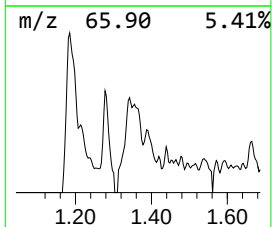
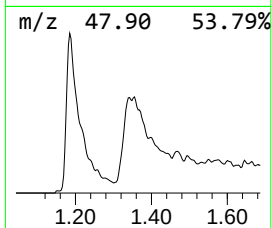
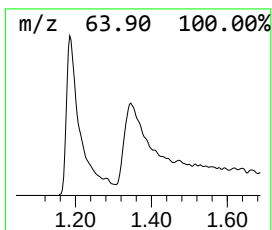
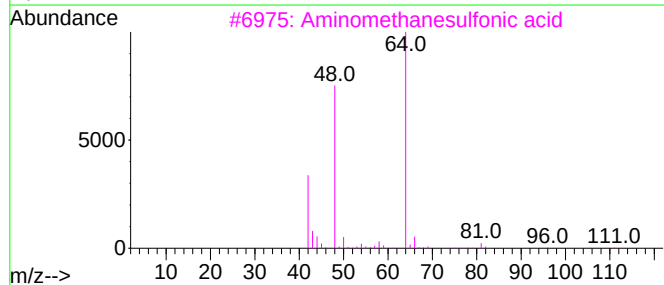
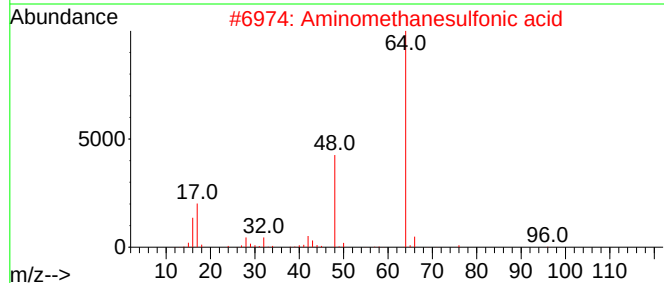
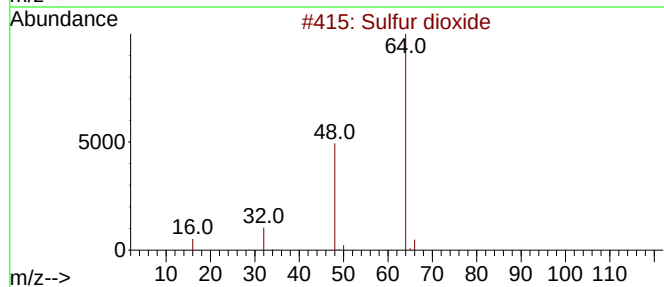
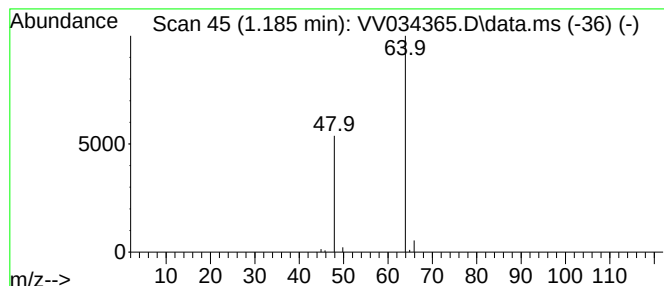
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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.
1.185	1.90 ug/L	62707	1,4-Difluorobenzene	5.539

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			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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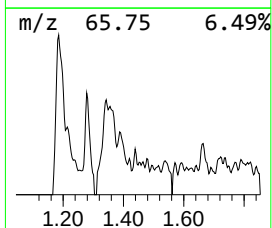
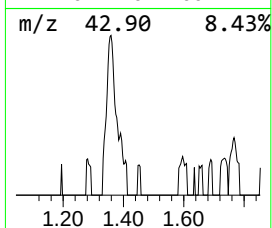
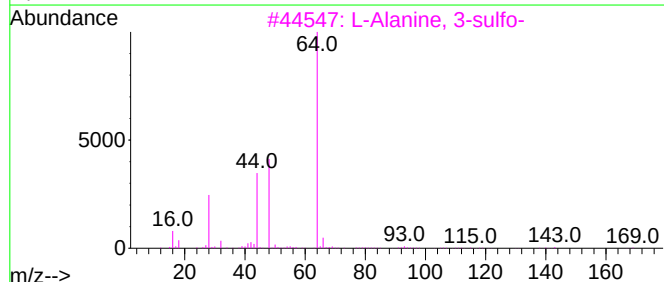
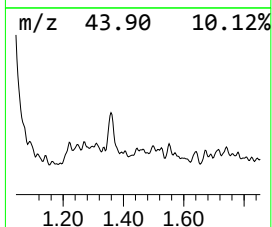
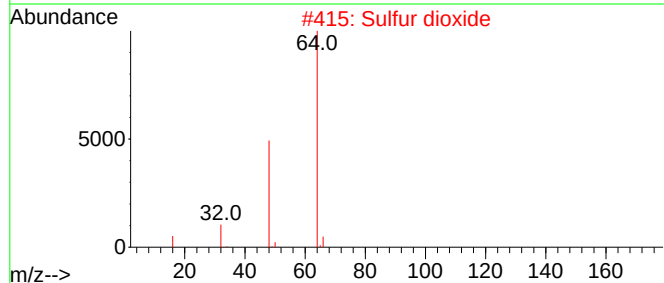
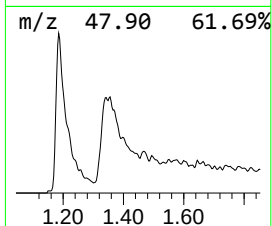
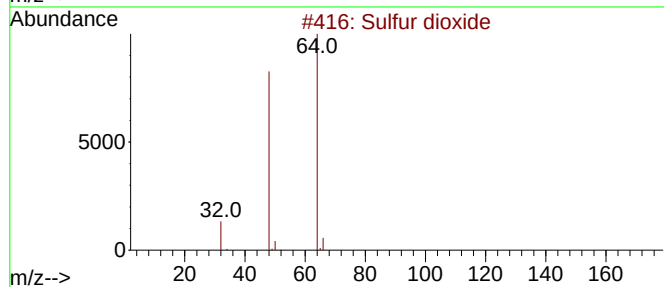
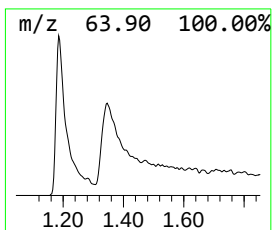
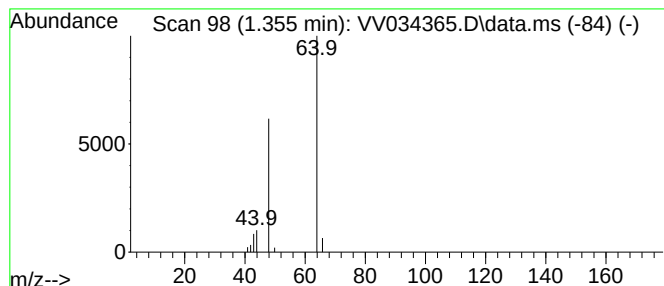
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 L-Alanine, 3-sulfo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.355	1.14 ug/L	37612	1,4-Difluorobenzene	5.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	74
2			Sulfur dioxide	64	O2S	007446-09-5	74
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	64
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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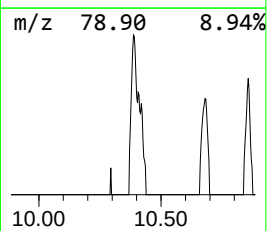
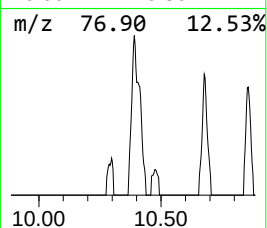
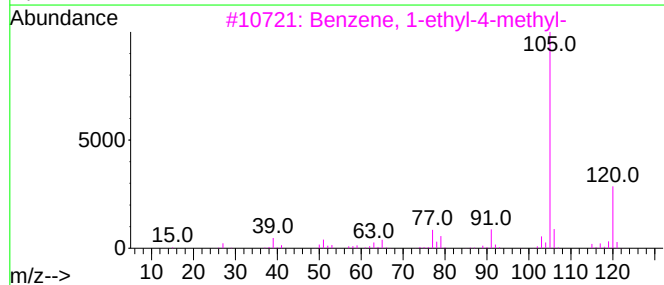
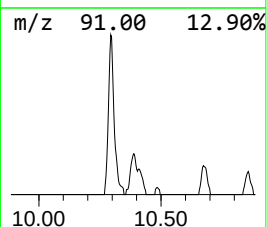
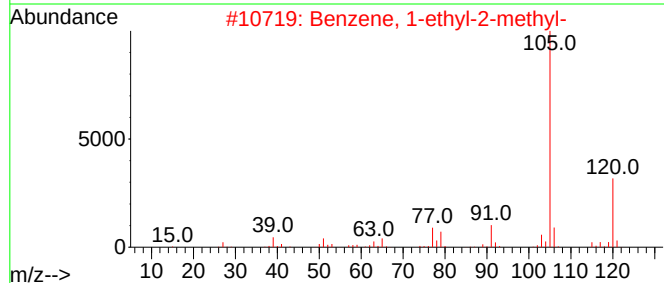
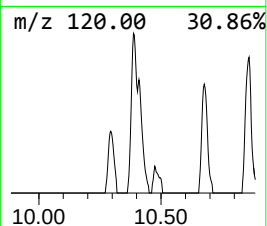
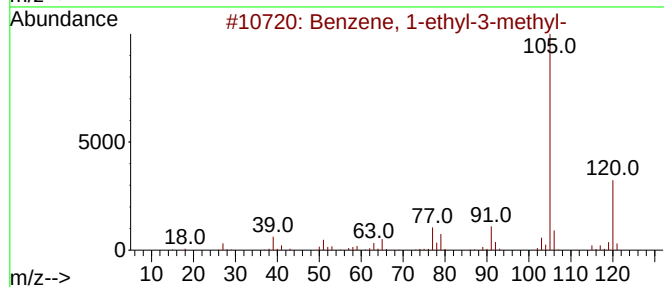
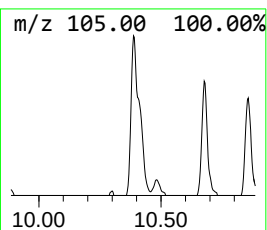
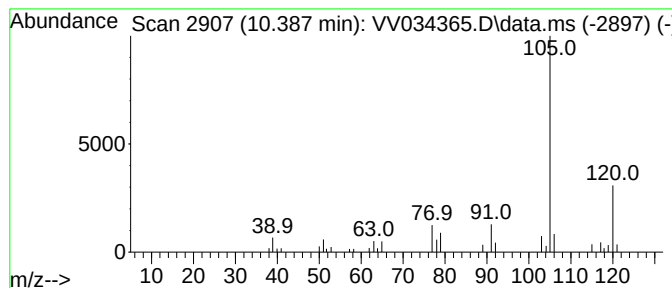
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.387	0.63 ug/L	26743	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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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	1.185	1.9	ug/L	62707	1	5.539	164832	5.0
L-Alanine, 3-su...	1.355	1.1	ug/L	37612	1	5.539	164832	5.0
Benzene, 1-ethy...	10.387	0.6	ug/L	26743	3	11.185	211097	5.0