

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063164.D
 Acq On : 05 Feb 2025 17:06
 Operator : MD/SY
 Sample : Q1226-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCZN8

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\SFAMUTR020425WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU063164.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.461	45	53	77	rBV	24457	40967	1.33%	0.646%
2	1.592	86	94	109	rVB	28502	33258	1.08%	0.525%
3	1.901	182	190	205	rVB	29241	37621	1.22%	0.593%
4	2.554	382	393	407	rBV2	50394	82611	2.69%	1.303%
5	4.605	1022	1031	1036	rBV	53429	95156	3.09%	1.501%
6	4.650	1038	1045	1082	rVB	97193	228796	7.44%	3.609%
7	5.049	1155	1169	1188	rBV	51696	115170	3.74%	1.817%
8	5.711	1357	1375	1403	rBV3	103277	278181	9.05%	4.388%
9	6.238	1524	1539	1564	rBV	96548	186416	6.06%	2.941%
10	6.531	1617	1630	1662	rBV	222237	423387	13.77%	6.679%
11	6.679	1664	1676	1699	rVB	67029	131077	4.26%	2.068%
12	7.557	1938	1949	1975	rVB2	29956	53651	1.74%	0.846%
13	7.888	2040	2052	2077	rBV	116724	205537	6.68%	3.242%
14	8.171	2131	2140	2160	rBV	18013	31379	1.02%	0.495%
15	8.541	2241	2255	2271	rBV	1839339	3075338	100.00%	48.514%
16	8.621	2271	2280	2317	rVB	178357	342240	11.13%	5.399%
17	9.409	2513	2525	2554	rBV	141674	259130	8.43%	4.088%
18	10.090	2726	2737	2755	rBV	21846	35678	1.16%	0.563%
19	10.746	2929	2941	2958	rVB	54777	89327	2.90%	1.409%
20	11.283	3096	3108	3126	rVB	43772	68309	2.22%	1.078%
21	11.460	3151	3163	3179	rBV	43485	67844	2.21%	1.070%
22	11.804	3259	3270	3286	rBV	123132	206699	6.72%	3.261%
23	11.885	3286	3295	3309	rVB2	28699	44429	1.44%	0.701%
24	12.184	3377	3388	3415	rVB	112751	206862	6.73%	3.263%

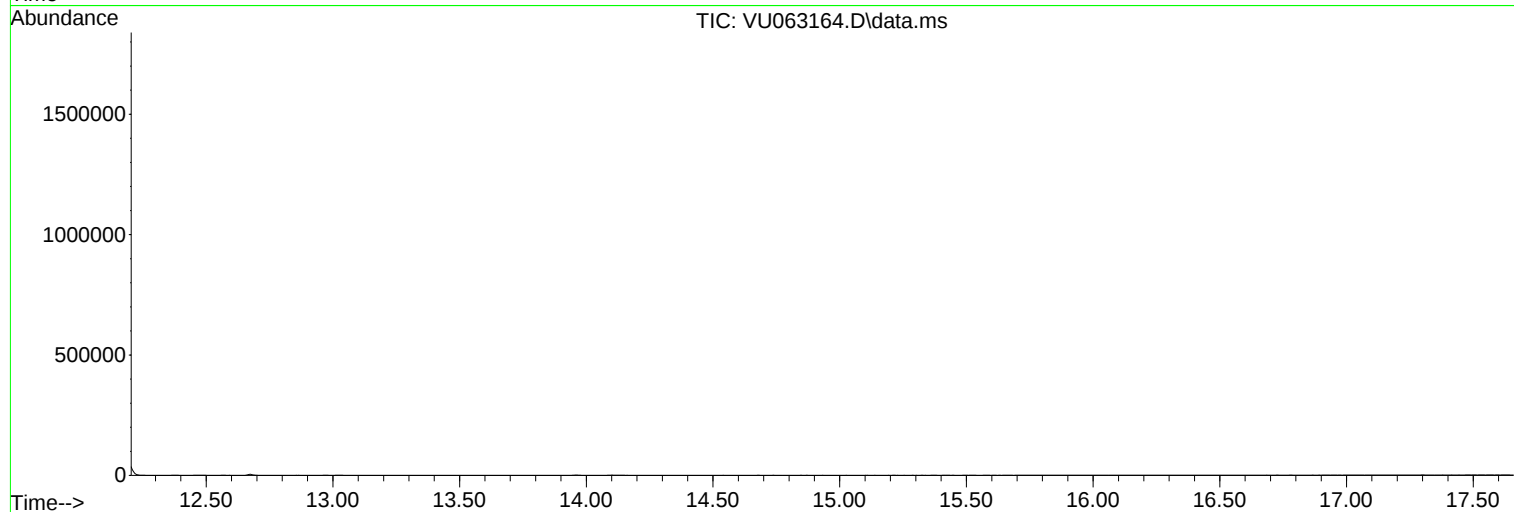
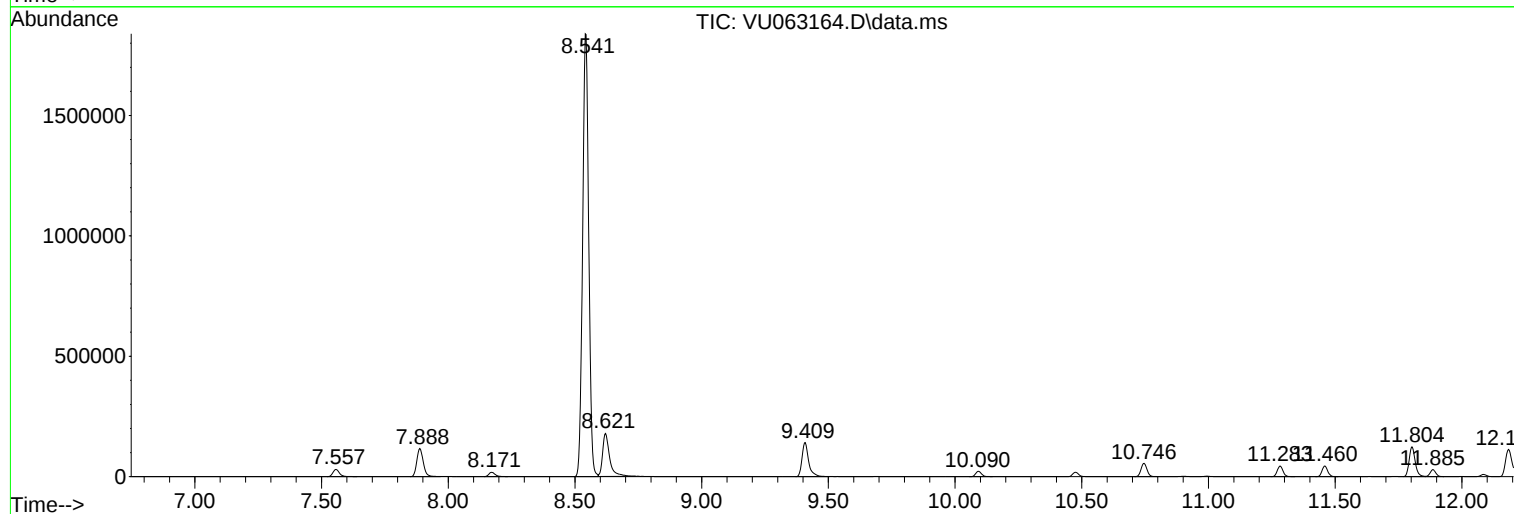
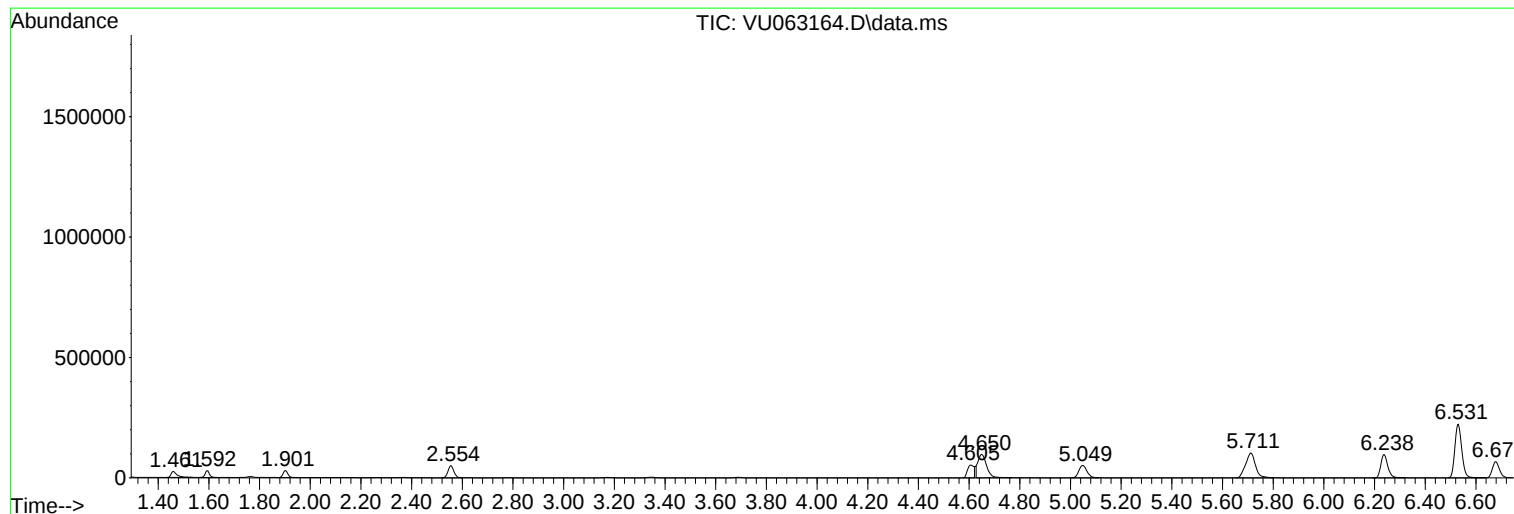
Sum of corrected areas: 6339063

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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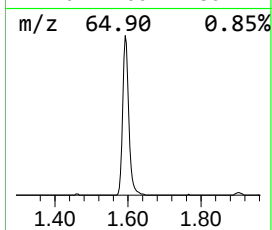
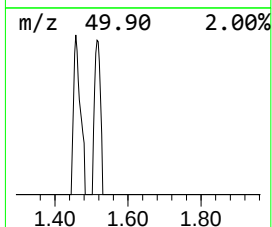
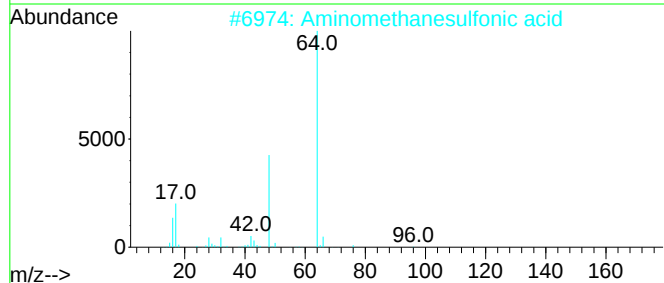
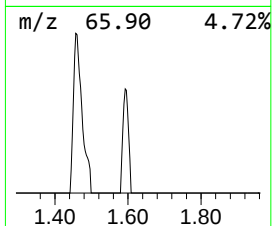
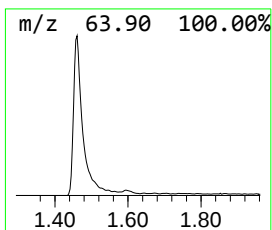
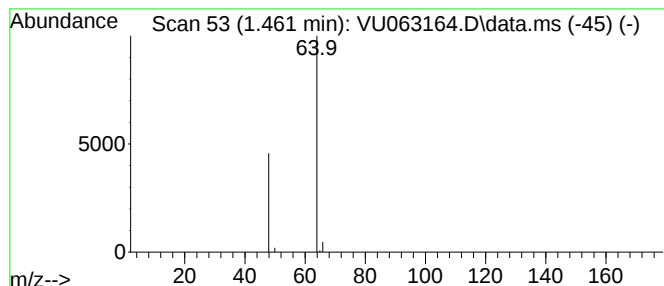
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.461	1.10 ug/L	40967	1,4-Difluorobenzene	6.238

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



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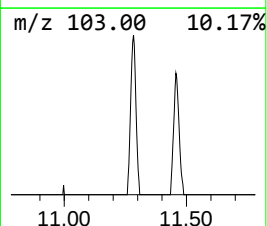
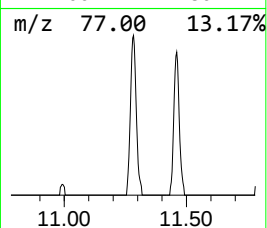
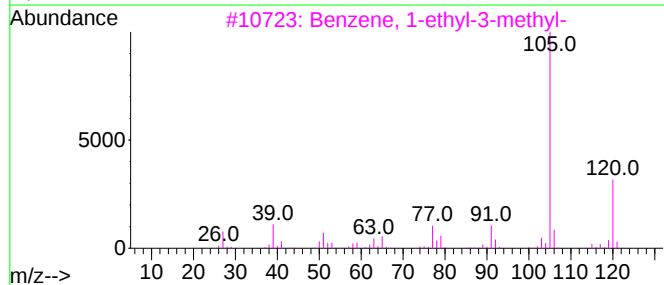
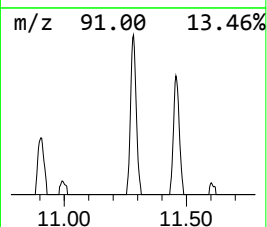
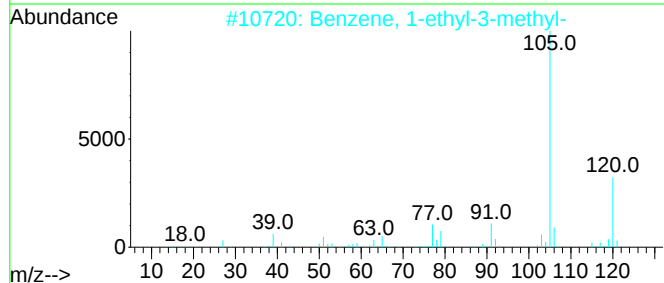
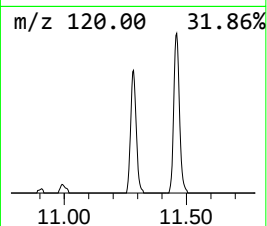
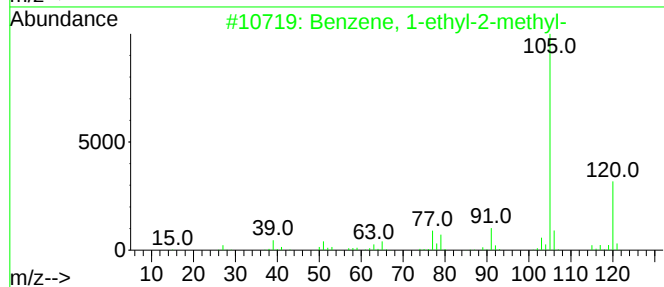
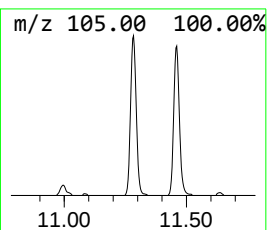
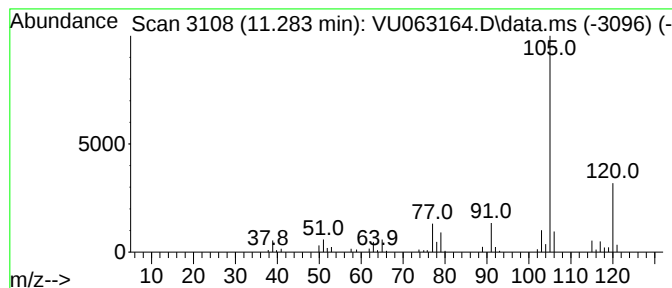
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.283	1.65 ug/L	68309	1,4-Dichlorobenzene-d4	11.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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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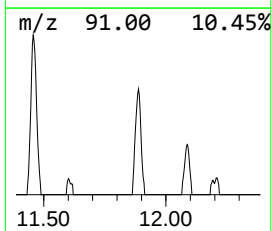
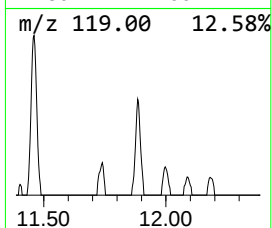
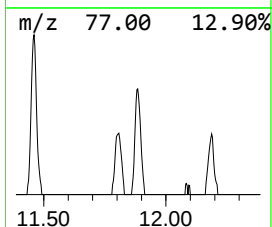
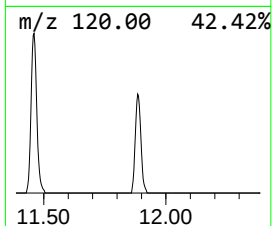
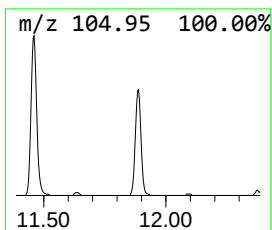
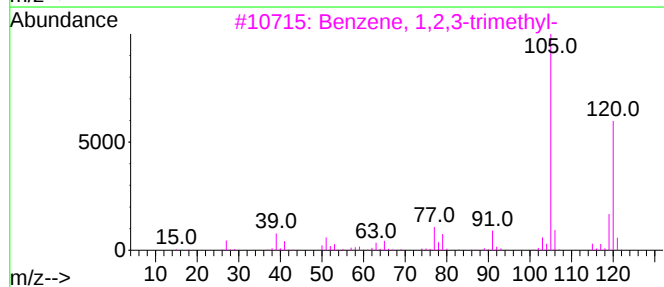
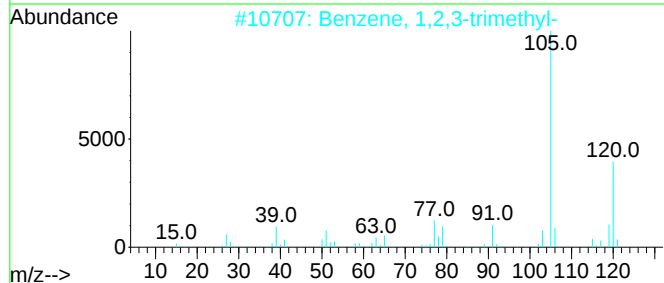
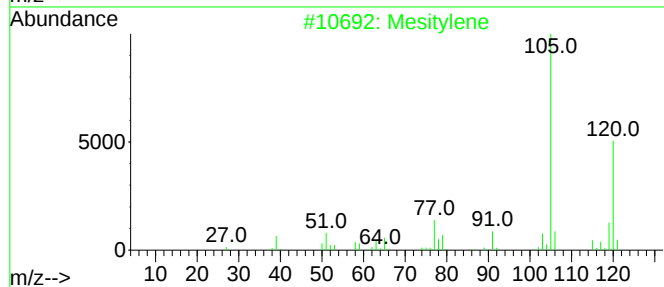
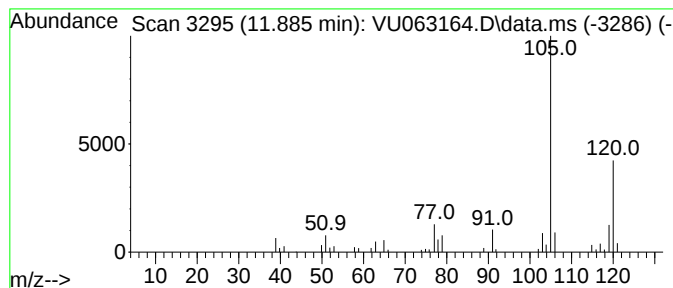
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.885	1.07 ug/L	44429	1,4-Dichlorobenzene-d4	11.804

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			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95



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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	1.461	1.1	ug/L	40967	1	6.238	186416	5.0
Benzene, 1-ethy...	11.283	1.6	ug/L	68309	3	11.804	206699	5.0
Benzene, 1,2,3-...	11.885	1.1	ug/L	44429	3	11.804	206699	5.0