

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028221.D
 Acq On : 30 Sep 2022 12:52
 Operator : SY/MD
 Sample : N4730-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFS7

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\SFAMVTR092222WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV028221.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	17	20	38	rVB3	11004	16741	2.47%	0.317%
2	1.304	74	82	95	rVB2	190209	199583	29.48%	3.774%
3	1.462	110	131	132	rBV4	21504	58281	8.61%	1.102%
4	1.561	156	162	175	rVB	64177	75666	11.18%	1.431%
5	2.101	321	330	349	rVB	114644	180459	26.66%	3.412%
6	2.757	525	534	549	rVB2	5355	9719	1.44%	0.184%
7	3.902	877	890	939	rBV4	165737	537781	79.45%	10.168%
8	4.343	1009	1027	1053	rBV2	97512	248058	36.65%	4.690%
9	5.040	1226	1244	1259	rBV3	207887	540053	79.78%	10.211%
10	5.613	1410	1422	1446	rBV	147855	304728	45.02%	5.762%
11	5.915	1504	1516	1531	rBV8	6098	13967	2.06%	0.264%
12	6.063	1549	1562	1577	rBV	128457	270965	40.03%	5.123%
13	6.985	1838	1849	1873	rBV2	47071	91182	13.47%	1.724%
14	7.313	1938	1951	1972	rBV	200358	360413	53.24%	6.814%
15	7.622	2038	2047	2064	rBV2	28952	55837	8.25%	1.056%
16	7.937	2133	2145	2152	rBV3	7306	13735	2.03%	0.260%
17	7.976	2152	2157	2166	rVB6	5056	7443	1.10%	0.141%
18	8.085	2180	2191	2226	rBV	354298	676912	100.00%	12.799%
19	8.850	2418	2429	2447	rBV	228501	381968	56.43%	7.222%
20	9.143	2512	2520	2535	rVB4	4198	8019	1.18%	0.152%
21	10.214	2841	2853	2867	rBV	122400	193980	28.66%	3.668%
22	10.381	2887	2905	2916	rVB2	10980	24052	3.55%	0.455%
23	10.448	2916	2926	2929	rBV2	5366	7083	1.05%	0.134%
24	10.538	2944	2954	2964	rBV4	11313	16560	2.45%	0.313%
25	10.738	3008	3016	3032	rVB2	6388	10004	1.48%	0.189%
26	10.915	3062	3071	3082	rBV3	11690	17685	2.61%	0.334%
27	11.194	3149	3158	3164	rBV4	5642	8046	1.19%	0.152%
28	11.246	3164	3174	3191	rVV	226690	357254	52.78%	6.755%
29	11.333	3194	3201	3213	rVB2	13479	20404	3.01%	0.386%
30	11.535	3252	3264	3272	rBV5	16460	34374	5.08%	0.650%
31	11.622	3281	3291	3313	rVB	248418	411932	60.85%	7.789%
32	11.818	3343	3352	3363	rVB2	5369	8784	1.30%	0.166%
33	11.908	3372	3380	3385	rBV4	9287	13330	1.97%	0.252%
34	11.937	3386	3389	3401	rVV	8319	10230	1.51%	0.193%
35	12.011	3404	3412	3430	rVB2	13245	21002	3.10%	0.397%
36	12.313	3497	3506	3513	rBV4	4611	7195	1.06%	0.136%

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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\SFAMVTR092222WMA.M
Title : TRACE VOA SFAM1.0

37	12.410	3526	3536	3543	rBV3	7482	10686	1.58%	0.202%
38	12.461	3543	3552	3561	rVB3	12799	18364	2.71%	0.347%
39	12.879	3672	3682	3695	rVB2	12678	19528	2.88%	0.369%
40	15.930	4612	4631	4633	rBV2	11057	26954	3.98%	0.510%

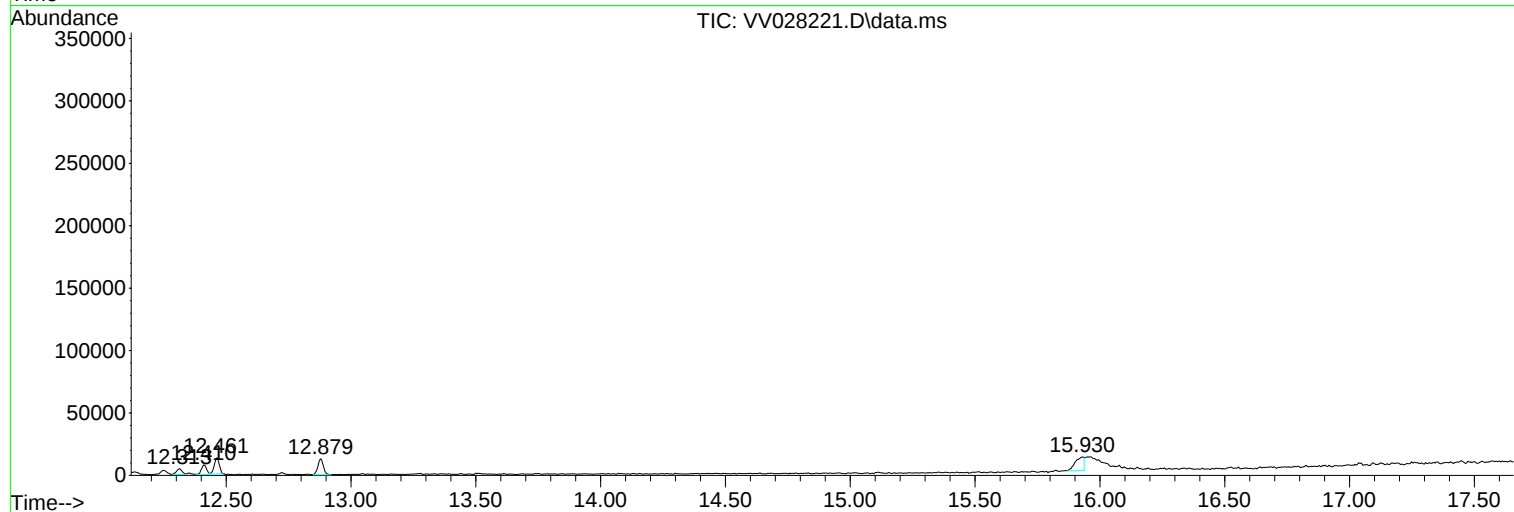
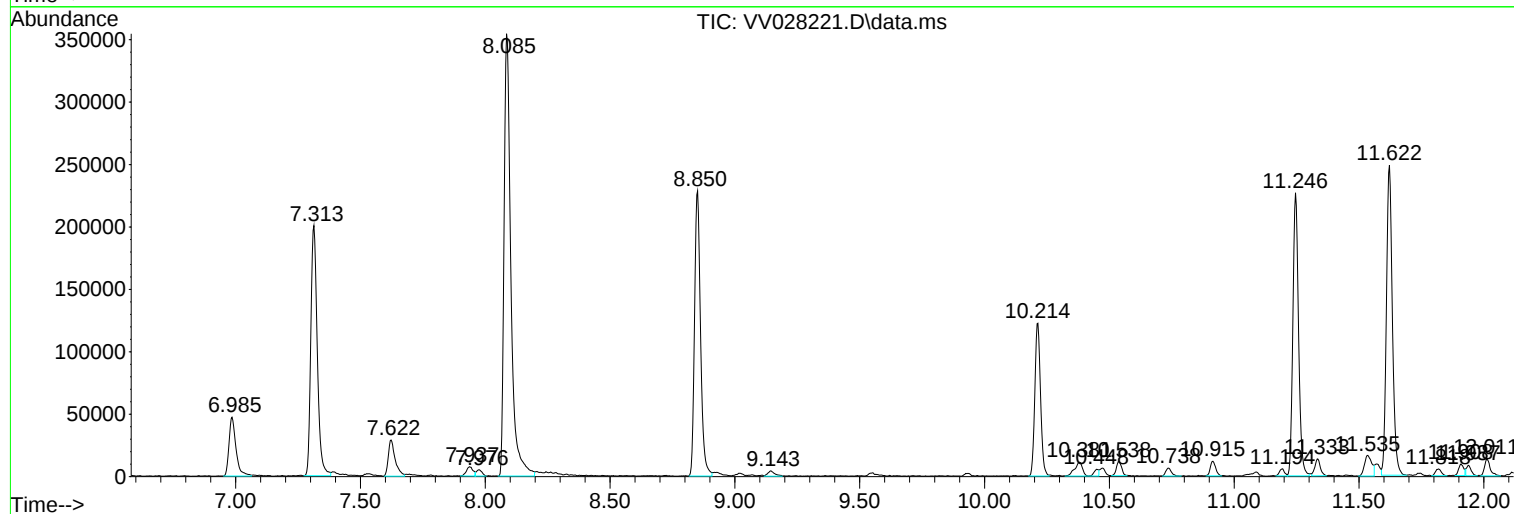
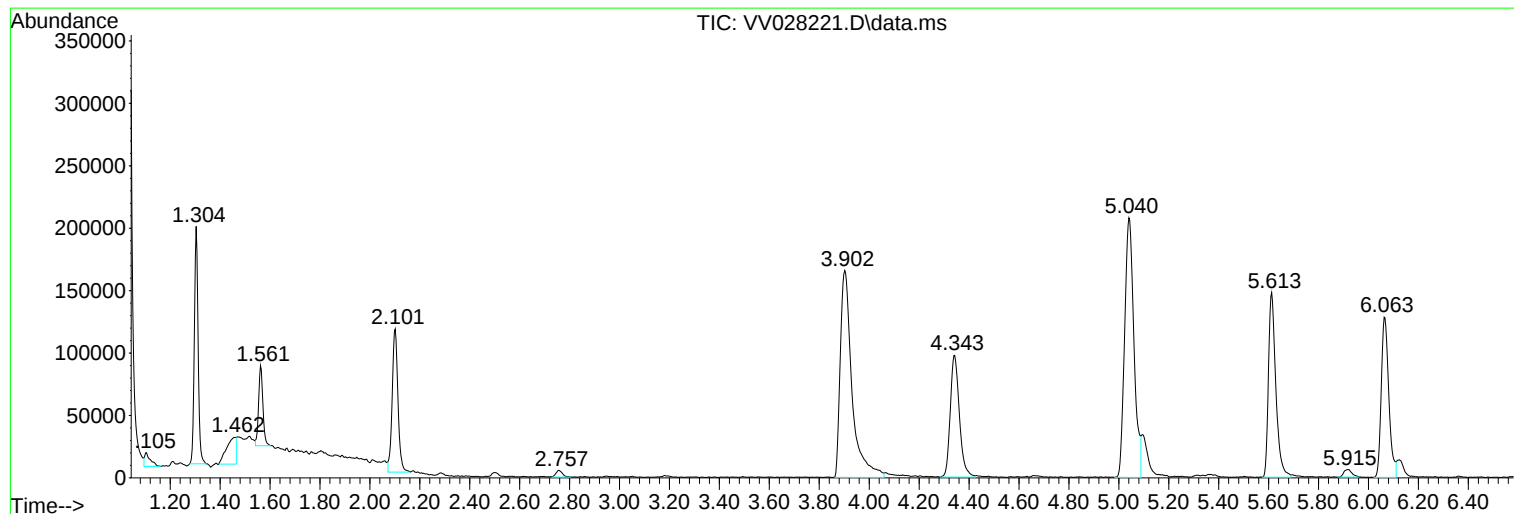
Sum of corrected areas: 5288957

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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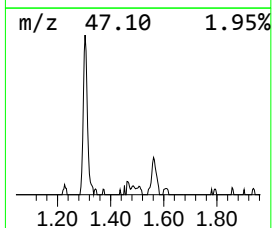
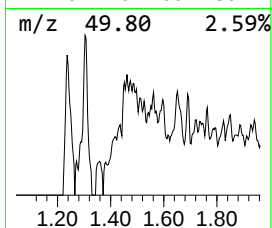
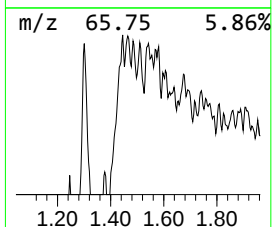
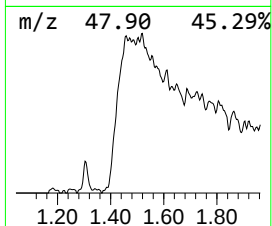
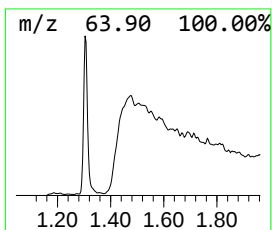
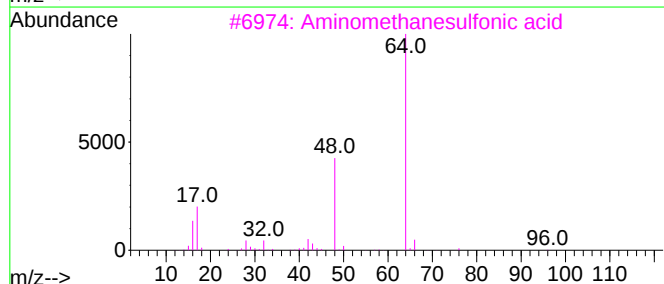
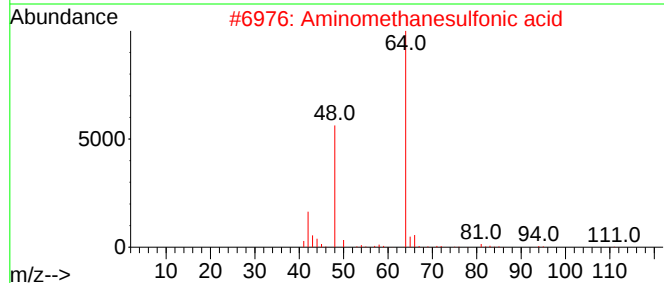
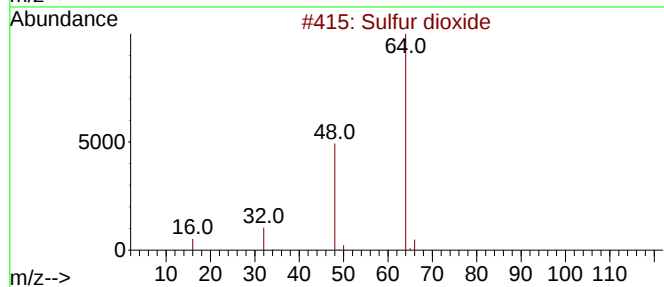
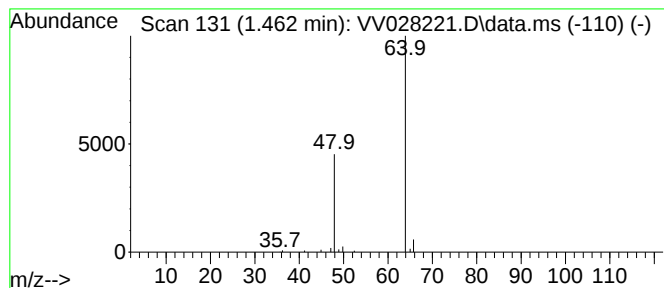
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.462	0.96 ug/L	58281	1,4-Difluorobenzene	5.613

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	64
4			Sulfur dioxide	64	O2S	007446-09-5	9
5			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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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	1.462	1.0	ug/L	58281	1	5.613	304728	5.0