

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052375.D
 Acq On : 13 Dec 2022 14:26
 Operator : JC/MD
 Sample : N5961-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N38

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\SFAMUTR111822WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU052375.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.379	8	12	21	rVB	14310	16048	1.52%	0.189%
2	1.488	37	46	53	rBV	167829	362495	34.28%	4.276%
3	1.916	174	179	193	rVB	97853	136014	12.86%	1.605%
4	2.571	370	383	399	rBV2	217357	411475	38.91%	4.854%
5	2.645	399	406	409	rBV2	8791	11721	1.11%	0.138%
6	3.243	578	592	593	rBV	7054	12863	1.22%	0.152%
7	3.870	771	787	801	rBV	12826	30964	2.93%	0.365%
8	4.636	1011	1025	1058	rBV	124727	428584	40.53%	5.056%
9	5.060	1141	1157	1178	rBV	156292	348800	32.98%	4.115%
10	5.722	1342	1363	1379	rBV2	315927	835410	78.99%	9.855%
11	6.247	1510	1526	1555	rBV	277922	536427	50.72%	6.328%
12	6.687	1646	1663	1683	rBV	203405	400027	37.82%	4.719%
13	7.163	1796	1811	1825	rBV3	11748	24082	2.28%	0.284%
14	7.562	1923	1935	1954	rBV	89150	160350	15.16%	1.892%
15	7.896	2025	2039	2053	rBV	357597	622791	58.89%	7.347%
16	7.967	2053	2061	2079	rVB	38056	65721	6.21%	0.775%
17	8.176	2114	2126	2141	rBV	57109	98778	9.34%	1.165%
18	8.632	2255	2268	2303	rBV2	538971	1057576	100.00%	12.476%
19	8.787	2308	2316	2327	rVB7	7006	12556	1.19%	0.148%
20	9.414	2494	2511	2531	rBV	406648	682251	64.51%	8.049%
21	9.690	2587	2597	2608	rBV2	9388	17028	1.61%	0.201%
22	10.234	2755	2766	2775	rBV4	7248	13048	1.23%	0.154%
23	10.343	2791	2800	2809	rVB6	6408	11079	1.05%	0.131%
24	10.751	2912	2927	2940	rBV	190141	312870	29.58%	3.691%
25	11.114	3031	3040	3055	rVB3	7457	13397	1.27%	0.158%
26	11.690	3210	3219	3228	rBV7	9751	18273	1.73%	0.216%
27	11.738	3228	3234	3242	rVV10	10179	15139	1.43%	0.179%
28	11.809	3244	3256	3276	rVV2	403326	859041	81.23%	10.134%
29	11.979	3302	3309	3323	rVB8	6783	15735	1.49%	0.186%
30	12.057	3323	3333	3355	rBV3	27491	58224	5.51%	0.687%
31	12.188	3361	3374	3397	rVB	379329	636432	60.18%	7.508%
32	12.886	3582	3591	3601	rBV4	14502	23138	2.19%	0.273%
33	13.208	3678	3691	3703	rBV9	8804	14938	1.41%	0.176%
34	14.188	3987	3996	4006	rBV4	33300	49940	4.72%	0.589%
35	14.999	4238	4248	4258	rBV3	8560	14146	1.34%	0.167%
36	15.690	4453	4463	4472	rBV7	14406	24049	2.27%	0.284%

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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

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Title : TRACE VOA SFAM1.0

37	16.764	4785	4797	4813	rBV4	38477	69458	6.57%	0.819%
38	16.883	4825	4834	4845	rBV2	38470	55879	5.28%	0.659%

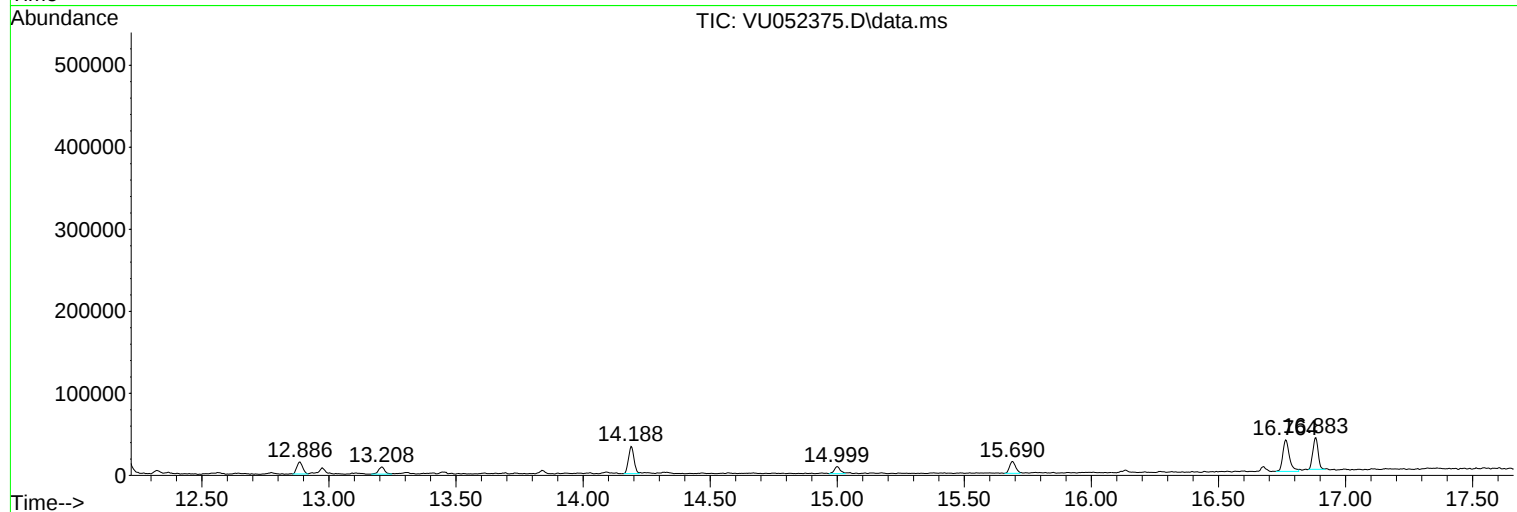
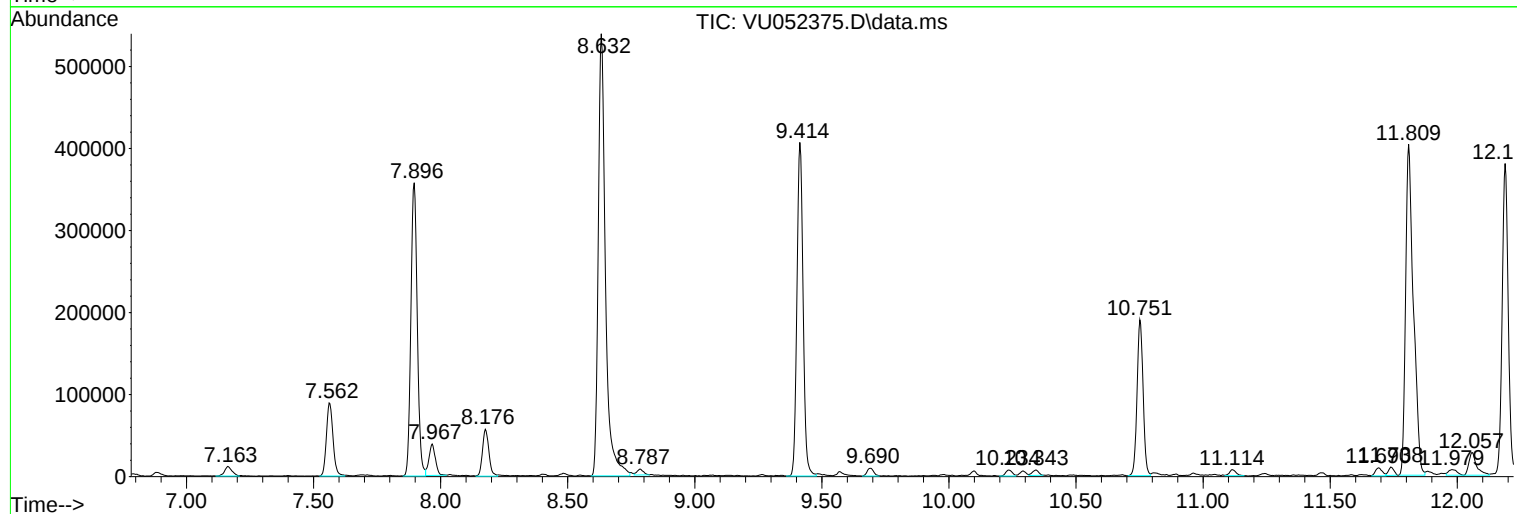
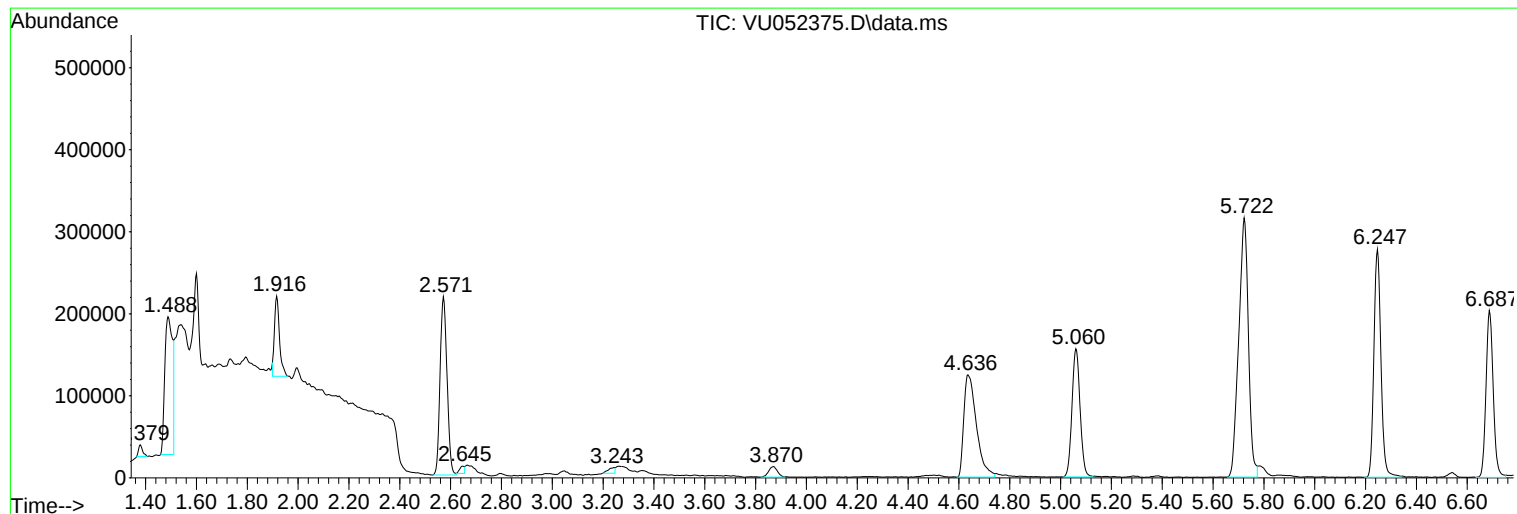
Sum of corrected areas: 8476747

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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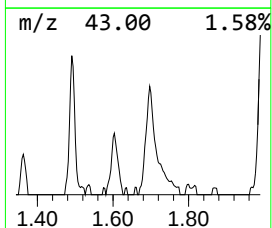
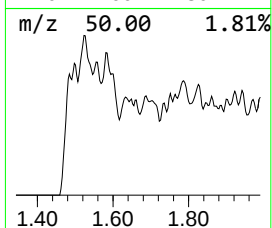
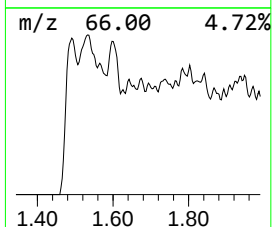
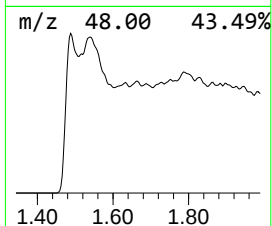
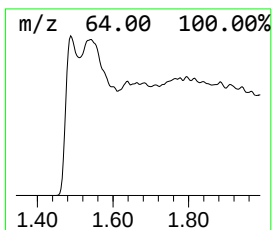
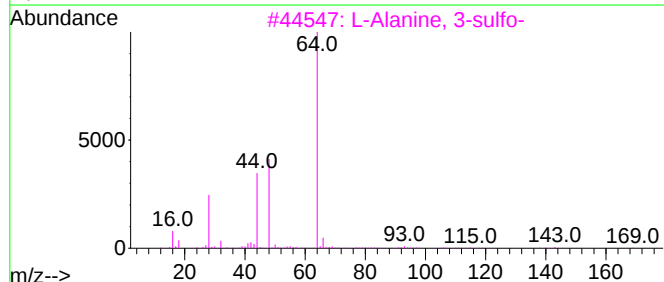
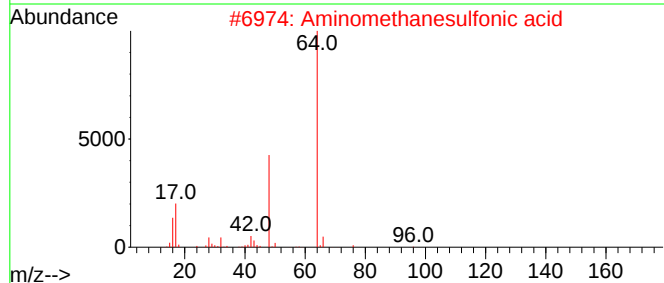
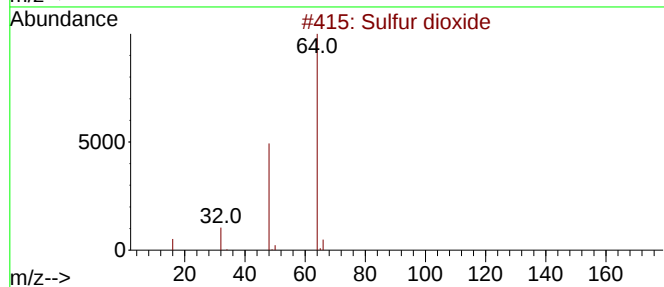
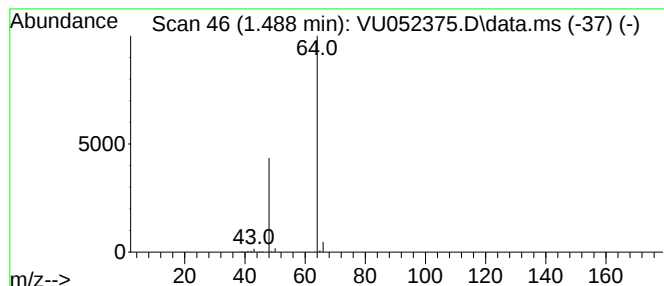
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.488	3.38 ug/L	362495	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
5			Sulfur dioxide	64	O2S	007446-09-5	4



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Quant Title : TRACE VOA SFAM1.0

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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.488	3.4	ug/L	362495	1	6.247	536427	5.0