

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102519\
 Data File : VU035503.D
 Acq On : 25 Oct 2019 22:04
 Operator : JC/SP
 Sample : K5554-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ92

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.372	4	10	21	rBV2	33168	38933	3.52%	0.362%
2	1.539	47	62	70	rBV2	49227	160328	14.50%	1.489%
3	1.613	78	85	96	rVB	194218	217807	19.70%	2.023%
4	1.932	177	184	200	rVB	147943	198566	17.96%	1.844%
5	2.411	326	333	347	rVB3	34360	53987	4.88%	0.501%
6	2.594	379	390	406	rBV	260505	421232	38.11%	3.912%
7	3.392	625	638	657	rVB2	24520	52083	4.71%	0.484%
8	4.716	1030	1050	1092	rBV2	328319	880407	79.65%	8.177%
9	4.883	1092	1102	1124	rVB2	12334	32314	2.92%	0.300%
10	5.115	1156	1174	1196	rBV	213145	467603	42.30%	4.343%
11	5.771	1357	1378	1404	rBV2	441219	1103411	99.82%	10.248%
12	6.292	1527	1540	1558	rBV	242189	462809	41.87%	4.298%
13	6.581	1616	1630	1655	rBV	573245	1105377	100.00%	10.267%
14	6.735	1663	1678	1703	rVB	272030	538607	48.73%	5.002%
15	7.604	1935	1948	1970	rBV	116338	222499	20.13%	2.067%
16	7.935	2036	2051	2065	rBV	474768	838479	75.85%	7.788%
17	8.005	2066	2073	2085	rVB3	16016	29674	2.68%	0.276%
18	8.218	2126	2139	2159	rBV	72254	139747	12.64%	1.298%
19	8.584	2239	2253	2269	rBV	355585	611681	55.34%	5.681%
20	8.687	2272	2285	2320	rBV	452136	1052155	95.19%	9.772%
21	9.449	2508	2522	2548	rBV	369993	663368	60.01%	6.161%
22	10.787	2924	2938	2962	rBV	199346	335813	30.38%	3.119%
23	11.841	3251	3266	3284	rBV	277877	523289	47.34%	4.860%
24	12.221	3370	3384	3401	rBV	346090	616625	55.78%	5.727%

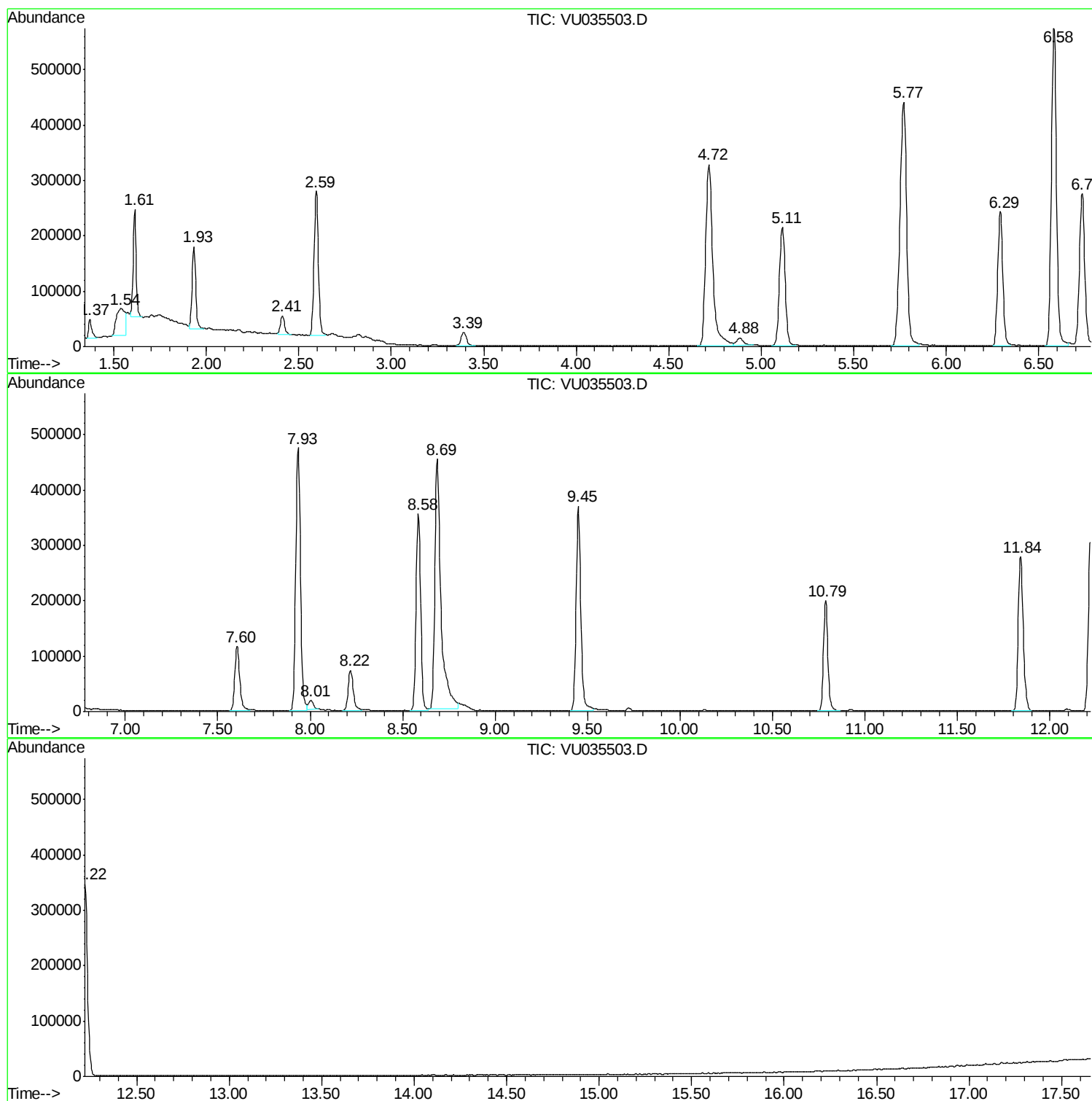
Sum of corrected areas: 10766794

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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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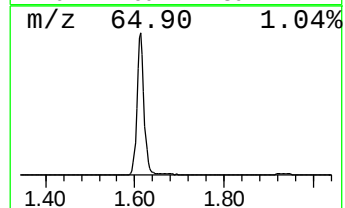
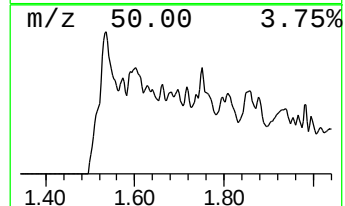
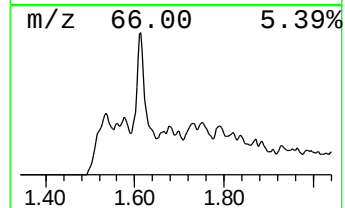
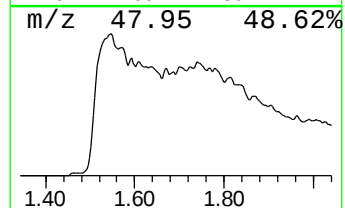
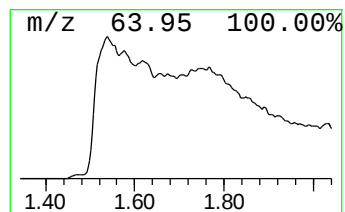
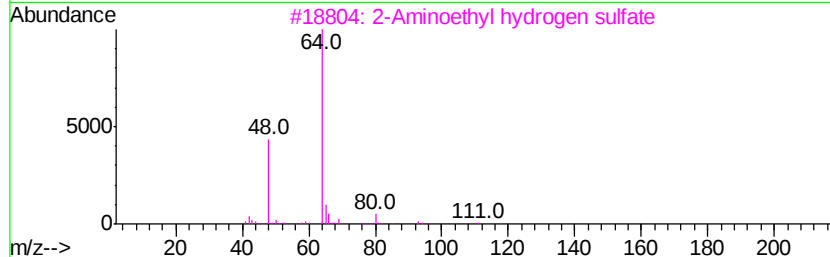
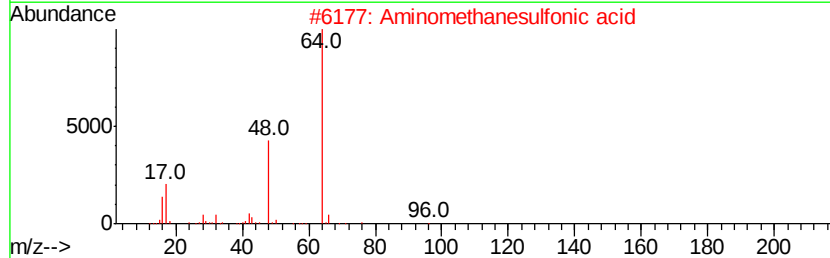
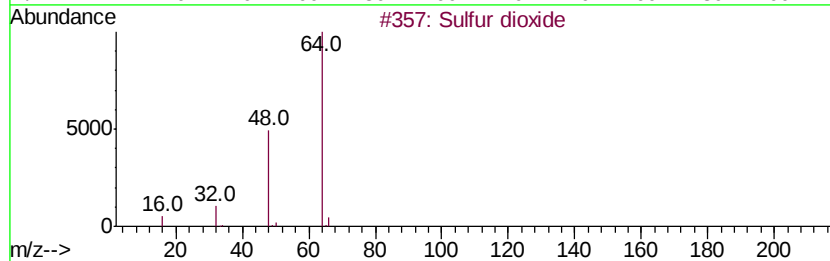
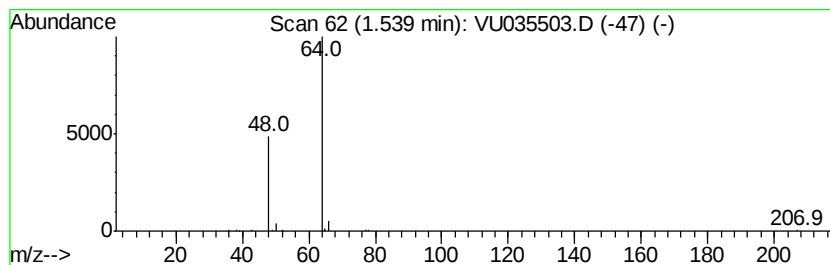
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.54	1.73 ug/L	160328	1,4-Difluorobenzene	6.29
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		2-Aminoethyl hydrogen sulfate	141 C2H7NO4S	000926-39-6 74
4		Sulfur dioxide	64 O2S	007446-09-5 9
5		Benzenesulfonic acid, 2,5-diamino-	188 C6H8N2O3S	000088-45-9 9



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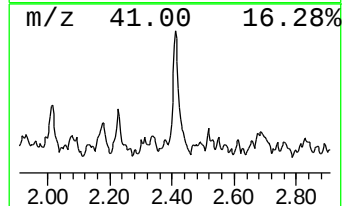
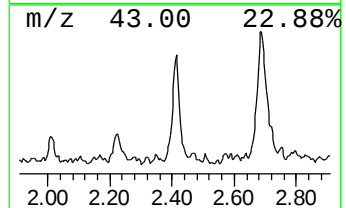
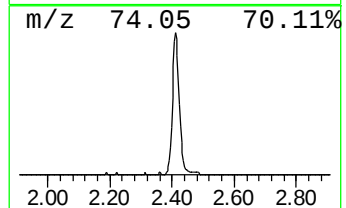
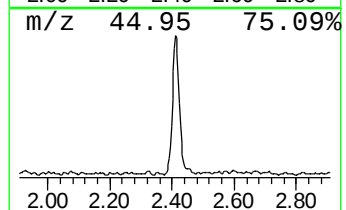
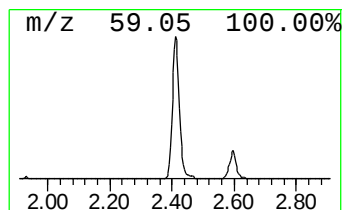
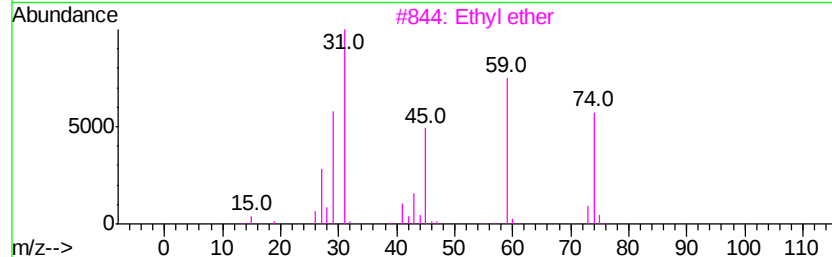
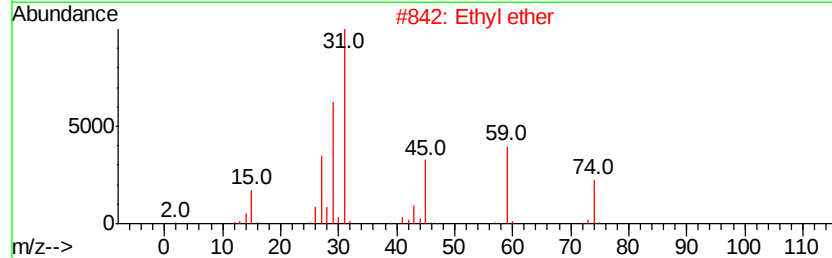
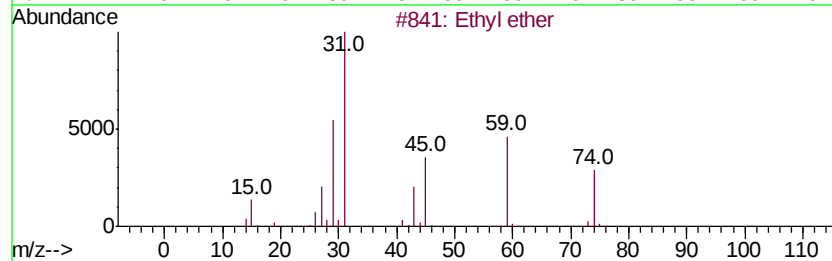
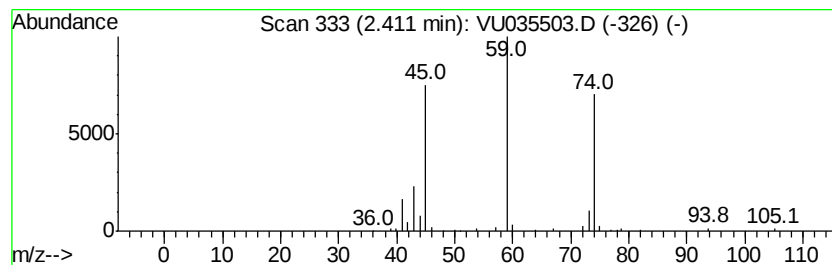
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Peak Number 2 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.41	0.58 ug/L	53987	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl ether	74	C4H10O	000060-29-7	90
2		Ethyl ether	74	C4H10O	000060-29-7	90
3		Ethyl ether	74	C4H10O	000060-29-7	90
4		Ethyl ether	74	C4H10O	000060-29-7	90
5		Ethyl ether	74	C4H10O	000060-29-7	78



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.54	1.7	ug/L	160328	1	6.29	462809	5.0
Ethyl ether	2.41	0.6	ug/L	53987	1	6.29	462809	5.0