

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\
 Data File : VU036079.D
 Acq On : 10 Dec 2019 13:00
 Operator : JC/MD
 Sample : K6132-19DL 2X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQW0DL

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\SOMUTR120919WMA.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	3	10	25	rBV2	50025	65257	1.48%	0.374%
2	1.504	41	51	58	rBV3	44268	96575	2.19%	0.553%
3	1.617	78	86	94	rBV2	375622	459492	10.44%	2.633%
4	1.932	177	184	206	rVB2	188171	332147	7.55%	1.903%
5	2.407	320	332	366	rVB	2924327	4402207	100.00%	25.222%
6	2.594	378	390	404	rBV	275487	459548	10.44%	2.633%
7	2.668	404	413	423	rBV	42523	70245	1.60%	0.402%
8	3.083	531	542	557	rVB	30315	60231	1.37%	0.345%
9	3.919	784	802	824	rBV	264050	635665	14.44%	3.642%
10	4.716	1025	1050	1090	rBV2	553946	1687302	38.33%	9.667%
11	5.115	1155	1174	1198	rBV3	247512	602327	13.68%	3.451%
12	5.362	1231	1251	1266	rBV	162707	373920	8.49%	2.142%
13	5.771	1355	1378	1389	rBV3	467080	1201473	27.29%	6.884%
14	6.292	1525	1540	1564	rBV	409249	799072	18.15%	4.578%
15	6.732	1661	1677	1701	rBV	279370	579523	13.16%	3.320%
16	7.603	1935	1948	1963	rBV2	126109	232858	5.29%	1.334%
17	7.935	2034	2051	2065	rBV	497099	889506	20.21%	5.096%
18	8.002	2065	2072	2086	rVB	30825	57911	1.32%	0.332%
19	8.214	2125	2138	2152	rBV	84322	151868	3.45%	0.870%
20	8.677	2268	2282	2326	rBV	498565	1242294	28.22%	7.118%
21	9.449	2506	2522	2557	rBV	591707	1126518	25.59%	6.454%
22	10.783	2925	2937	2955	rBV2	243882	413468	9.39%	2.369%
23	11.838	3252	3265	3282	rBV2	436559	770406	17.50%	4.414%
24	12.221	3370	3384	3400	rVB	431204	744168	16.90%	4.264%

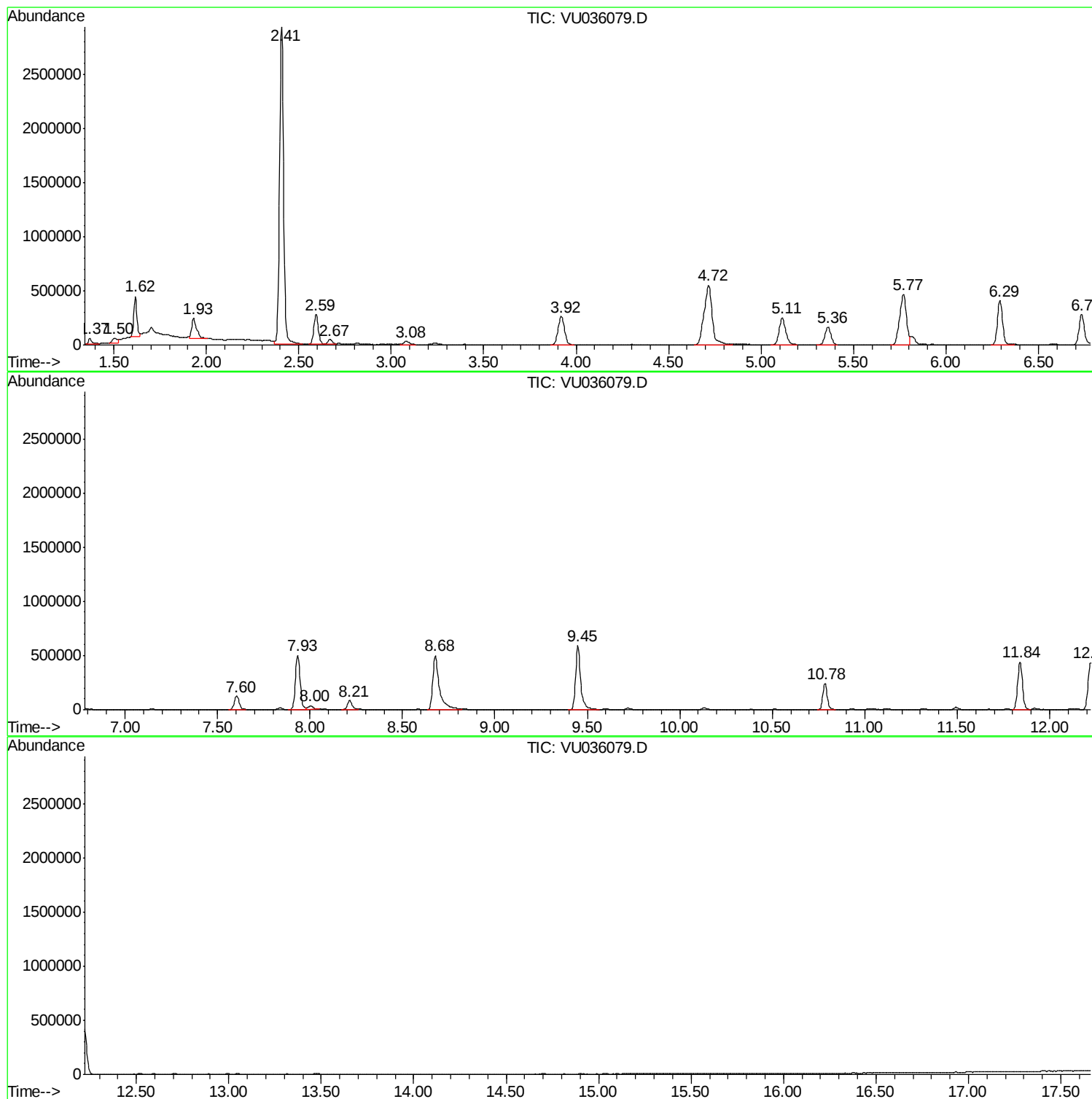
Sum of corrected areas: 17453981

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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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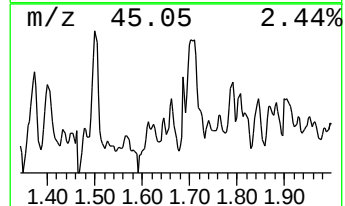
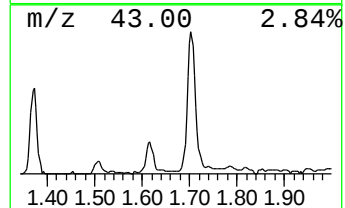
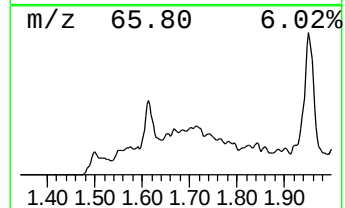
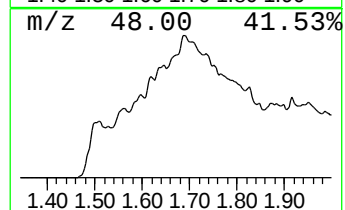
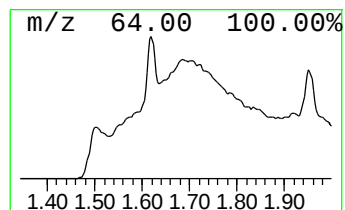
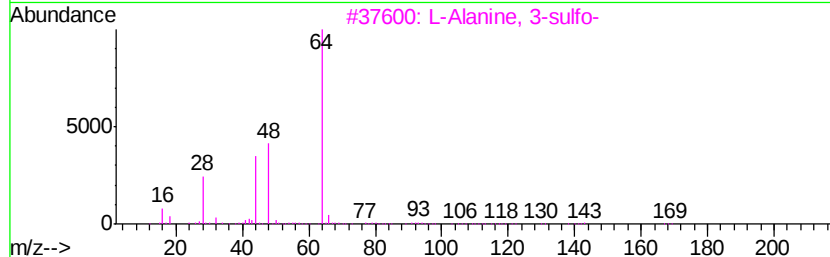
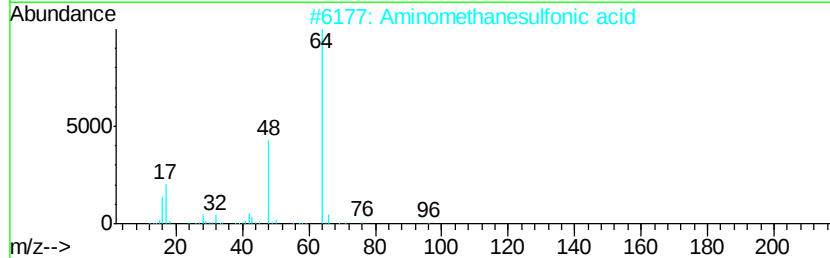
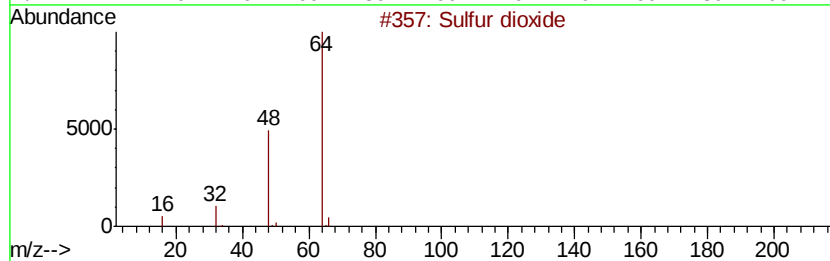
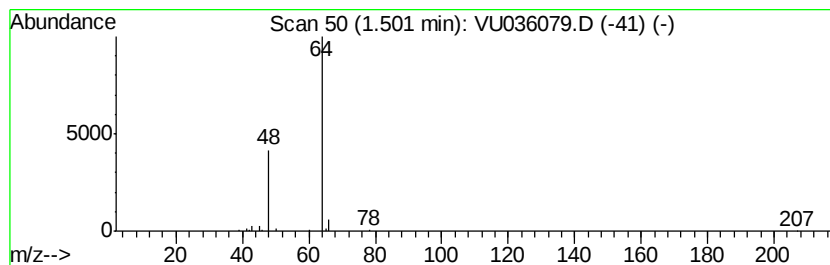
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	0.60 ug/L	96575	1,4-Difluorobenzene	6.29
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 74
3		L-Alanine, 3-sulfo-	169 C3H7NO5S	000498-40-8 9
4		Sulfur dioxide	64 O2S	007446-09-5 5
5		L-Alanine, 3-sulfo-	169 C3H7NO5S	000498-40-8 4



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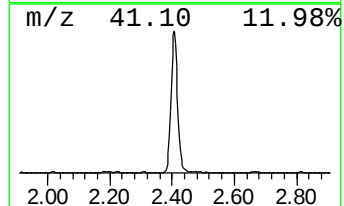
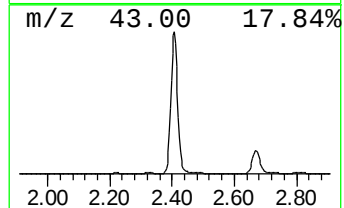
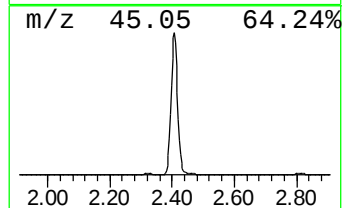
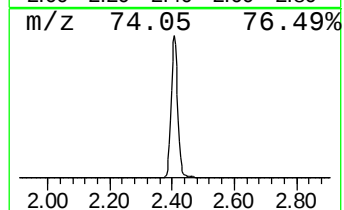
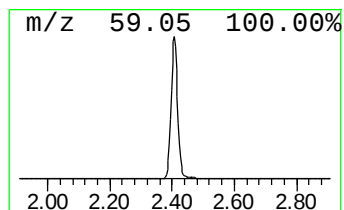
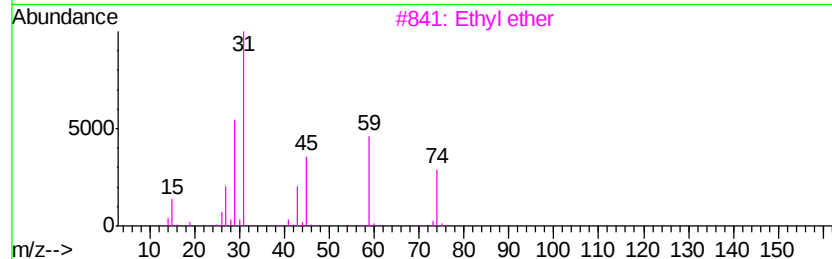
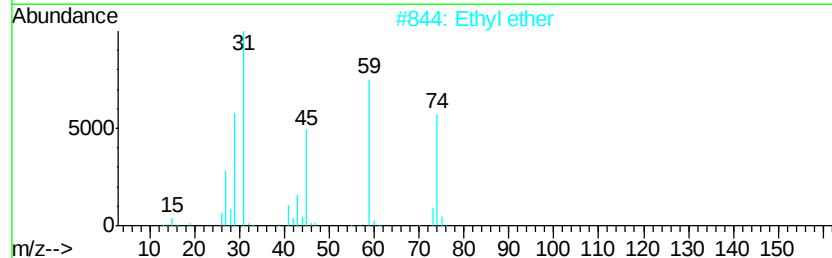
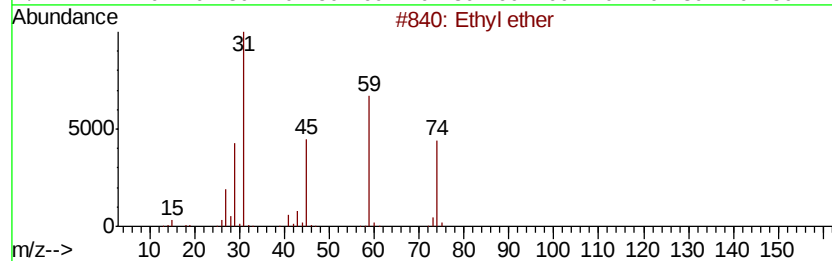
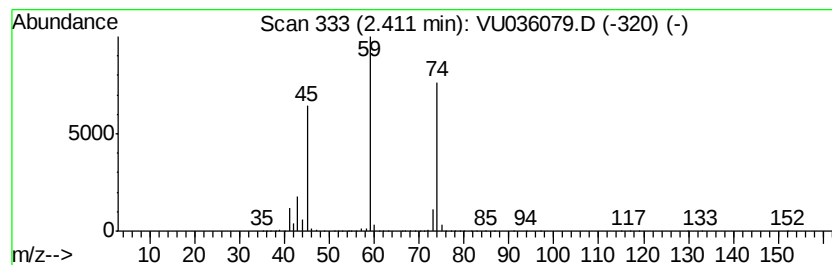
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Peak Number 2 Ethyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.41	27.55 ug/L	4402210	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	83
4		Ethyl ether	74	C4H10O	000060-29-7	72
5		Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	56



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.50	0.6	ug/L	96575	1	6.29	799072	5.0
Ethyl ether	2.41	27.6	ug/L	4402210	1	6.29	799072	5.0