

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041332.D
 Acq On : 18 Nov 2020 23:23
 Operator : SY/MD
 Sample : L4790-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4402

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\SOMUTR111620WMA.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	1.610	72	84	96	rBV	378585	433642	51.97%	12.561%
2	1.816	123	148	150	rBV3	5351	17289	2.07%	0.501%
3	1.922	174	181	196	rVB	26870	34549	4.14%	1.001%
4	2.002	200	206	215	rVB	13288	18228	2.18%	0.528%
5	2.578	374	385	401	rBV	55900	90841	10.89%	2.631%
6	3.372	620	632	646	rBV4	12043	24332	2.92%	0.705%
7	4.684	1017	1040	1076	rBV2	330529	834356	100.00%	24.168%
8	5.080	1148	1163	1180	rBV2	55082	121118	14.52%	3.508%
9	5.739	1348	1368	1399	rBB3	100181	279482	33.50%	8.095%
10	6.263	1517	1531	1556	rBV	85948	161457	19.35%	4.677%
11	6.703	1654	1668	1686	rBV	66289	128464	15.40%	3.721%
12	7.571	1927	1938	1955	rVB2	30217	53302	6.39%	1.544%
13	7.906	2026	2042	2056	rBV	110705	190216	22.80%	5.510%
14	8.185	2119	2129	2141	rBV2	20339	33476	4.01%	0.970%
15	8.642	2256	2271	2309	rBV	197361	370940	44.46%	10.745%
16	8.793	2309	2318	2329	rVB4	5571	9720	1.16%	0.282%
17	9.420	2501	2513	2533	rBV	129122	207866	24.91%	6.021%
18	10.755	2917	2928	2945	rVB	57102	89214	10.69%	2.584%
19	11.809	3244	3256	3272	rVB	107890	168294	20.17%	4.875%
20	12.189	3362	3374	3391	rVB	109132	176598	21.17%	5.115%
21	12.880	3581	3589	3597	rVB4	6644	8952	1.07%	0.259%

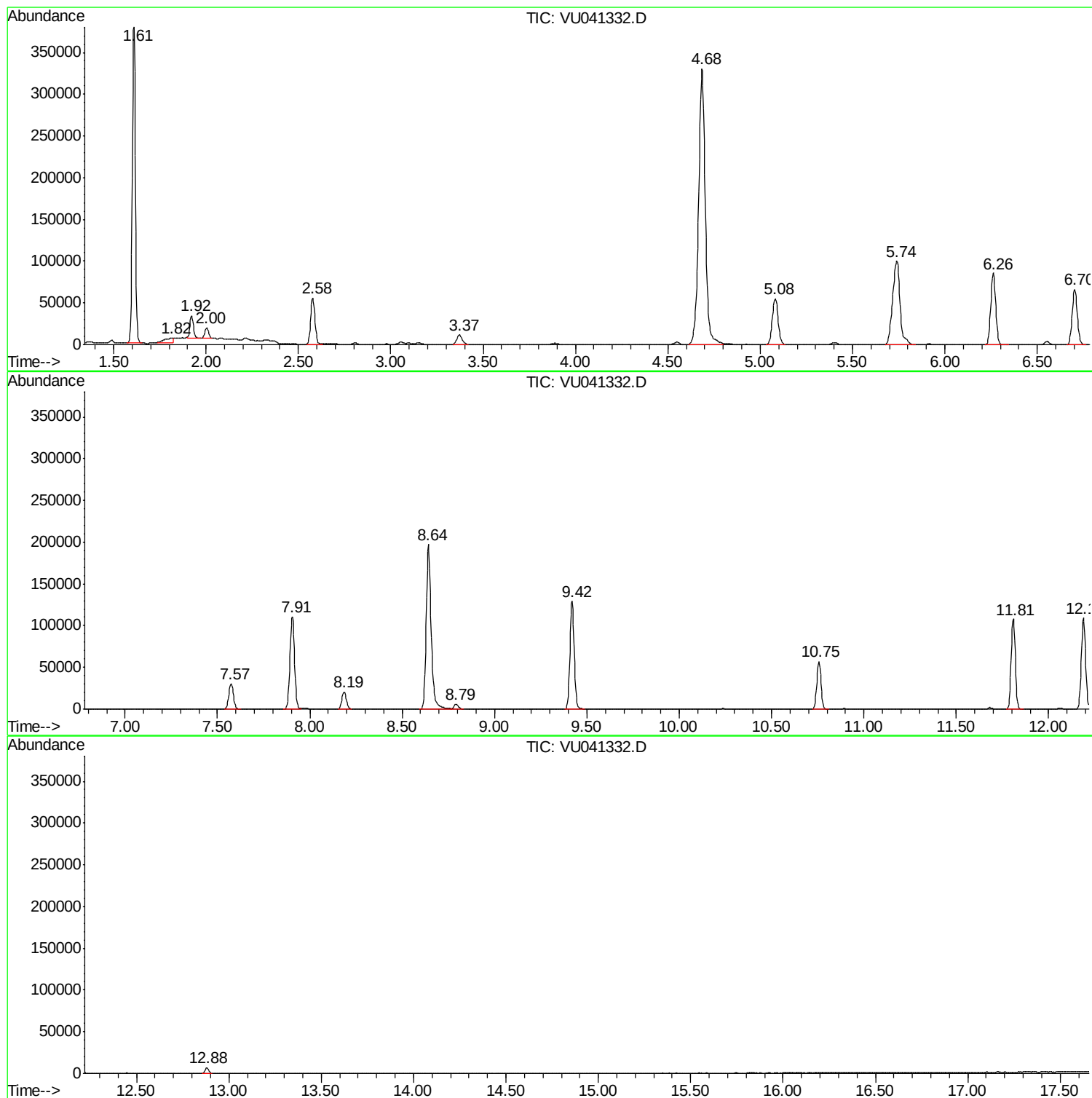
Sum of corrected areas: 3452336

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

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



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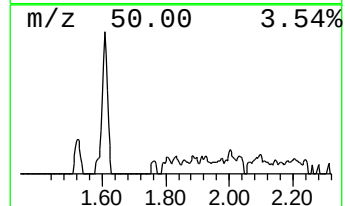
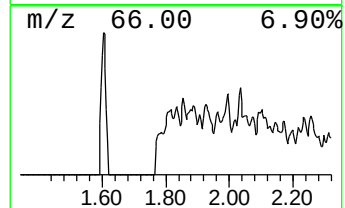
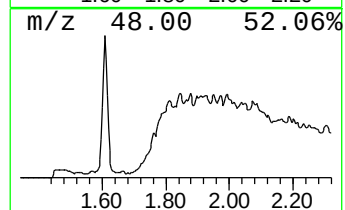
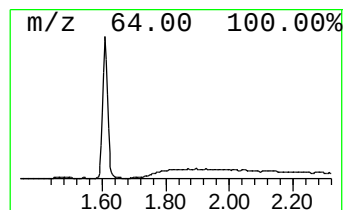
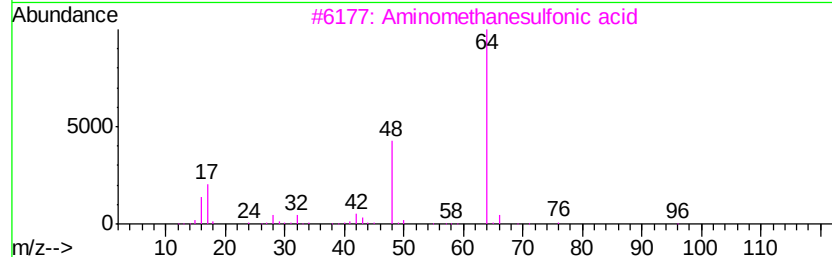
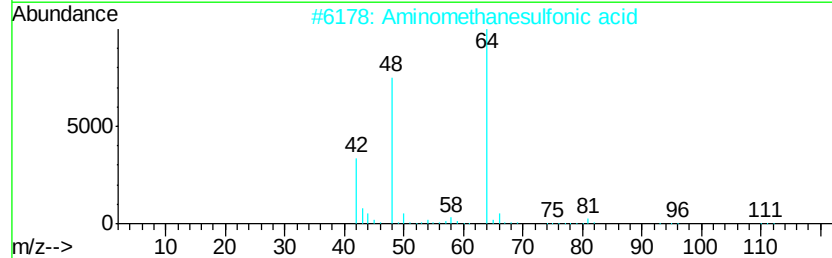
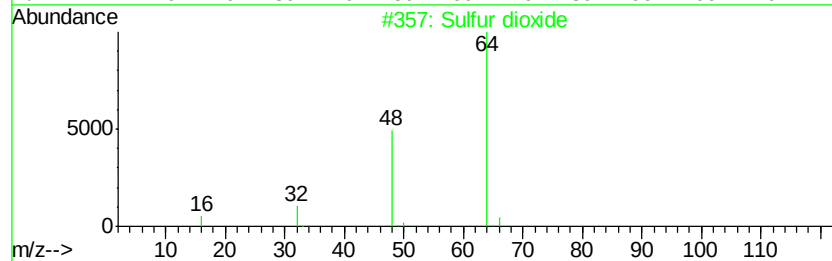
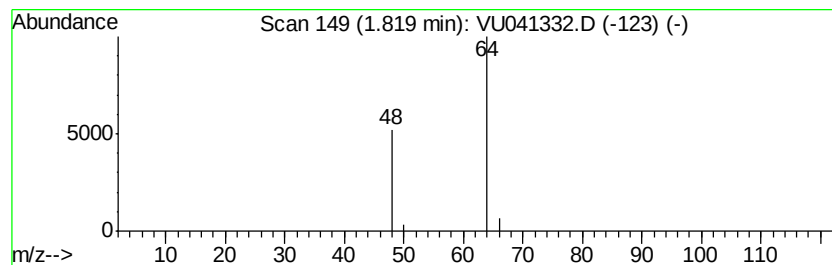
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Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	0.54 ug/L	17289	1,4-Difluorobenzene	6.26

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



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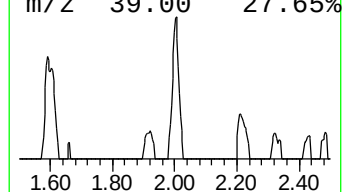
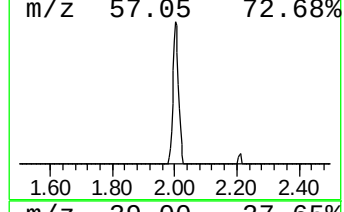
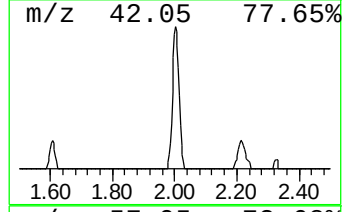
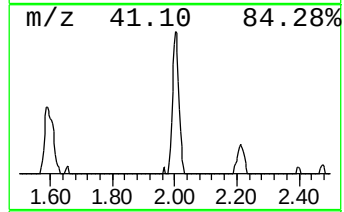
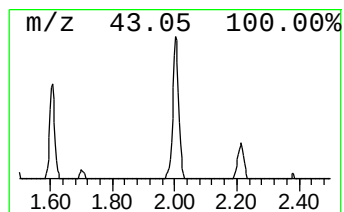
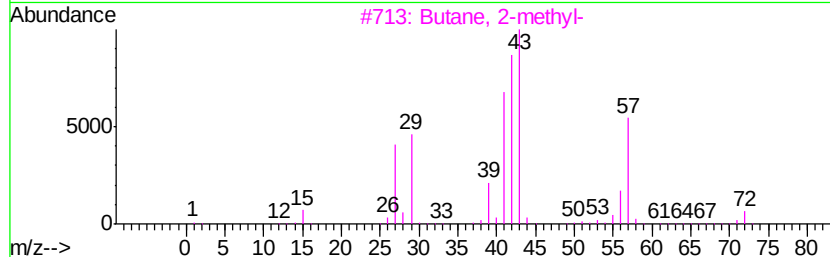
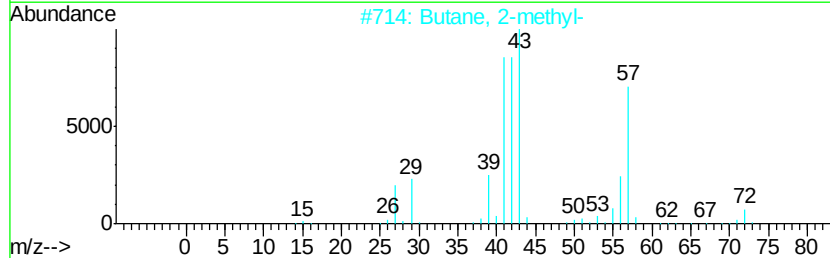
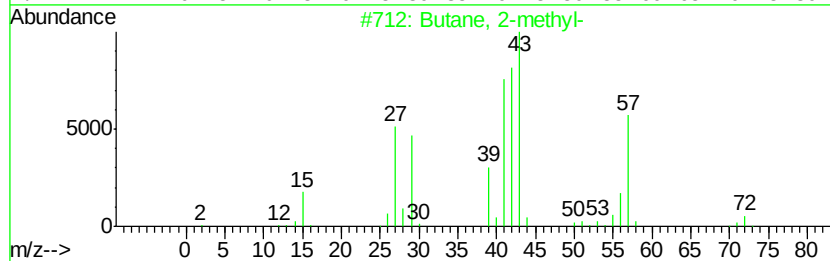
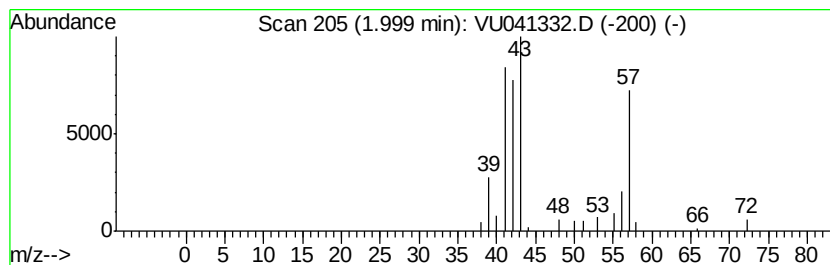
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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	0.56 ug/L	18228	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2		Butane, 2-methyl-	72	C5H12	000078-78-4	64
3		Butane, 2-methyl-	72	C5H12	000078-78-4	50
4		Pentane	72	C5H12	000109-66-0	36
5		2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.82	0.5	ug/L	17289	1	6.26	161457	5.0
(DEL) Alkane: Str...	2.00	0.6	ug/L	18228	1	6.26	161457	5.0