

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039394.D
 Acq On : 09 Jul 2020 14:41
 Operator : SY/MD
 Sample : L3231-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4292

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\SOMUTR070720WMA.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	1.533	43	60	63	rBV3	17200	41128	6.35%	0.939%
2	1.610	75	84	95	rBV2	149242	186011	28.73%	4.247%
3	1.925	175	182	198	rVB	40126	57811	8.93%	1.320%
4	2.006	200	207	227	rVB	53000	79016	12.20%	1.804%
5	2.581	372	386	405	rBV2	70560	117149	18.09%	2.674%
6	3.060	518	535	546	rBV7	3783	8979	1.39%	0.205%
7	3.157	553	565	578	rVB5	8727	19807	3.06%	0.452%
8	3.372	615	632	651	rBV2	311058	647496	100.00%	14.782%
9	3.893	776	794	813	rBV3	23192	55209	8.53%	1.260%
10	4.555	985	1000	1014	rVB3	6102	14855	2.29%	0.339%
11	4.678	1014	1038	1075	rBV3	62175	263000	40.62%	6.004%
12	5.086	1149	1165	1182	rBV	67865	153028	23.63%	3.494%
13	5.411	1256	1266	1279	rVB7	3715	7700	1.19%	0.176%
14	5.742	1347	1369	1380	rBV2	129241	352920	54.51%	8.057%
15	5.912	1409	1422	1431	rBV6	4020	7108	1.10%	0.162%
16	6.266	1517	1532	1549	rBV	135486	252459	38.99%	5.764%
17	6.707	1652	1669	1690	rVB	87094	168360	26.00%	3.844%
18	7.575	1928	1939	1960	rVB	46969	84562	13.06%	1.931%
19	7.906	2026	2042	2058	rBV	149981	260158	40.18%	5.939%
20	8.186	2119	2129	2143	rBV2	28176	48367	7.47%	1.104%
21	8.642	2256	2271	2311	rBV	258994	518371	80.06%	11.834%
22	9.420	2500	2513	2531	rBV	183006	315666	48.75%	7.206%
23	10.758	2914	2929	2944	rBV	77258	126249	19.50%	2.882%
24	11.809	3244	3256	3274	rBV	197492	315552	48.73%	7.204%
25	12.189	3361	3374	3389	rVB2	170973	279336	43.14%	6.377%

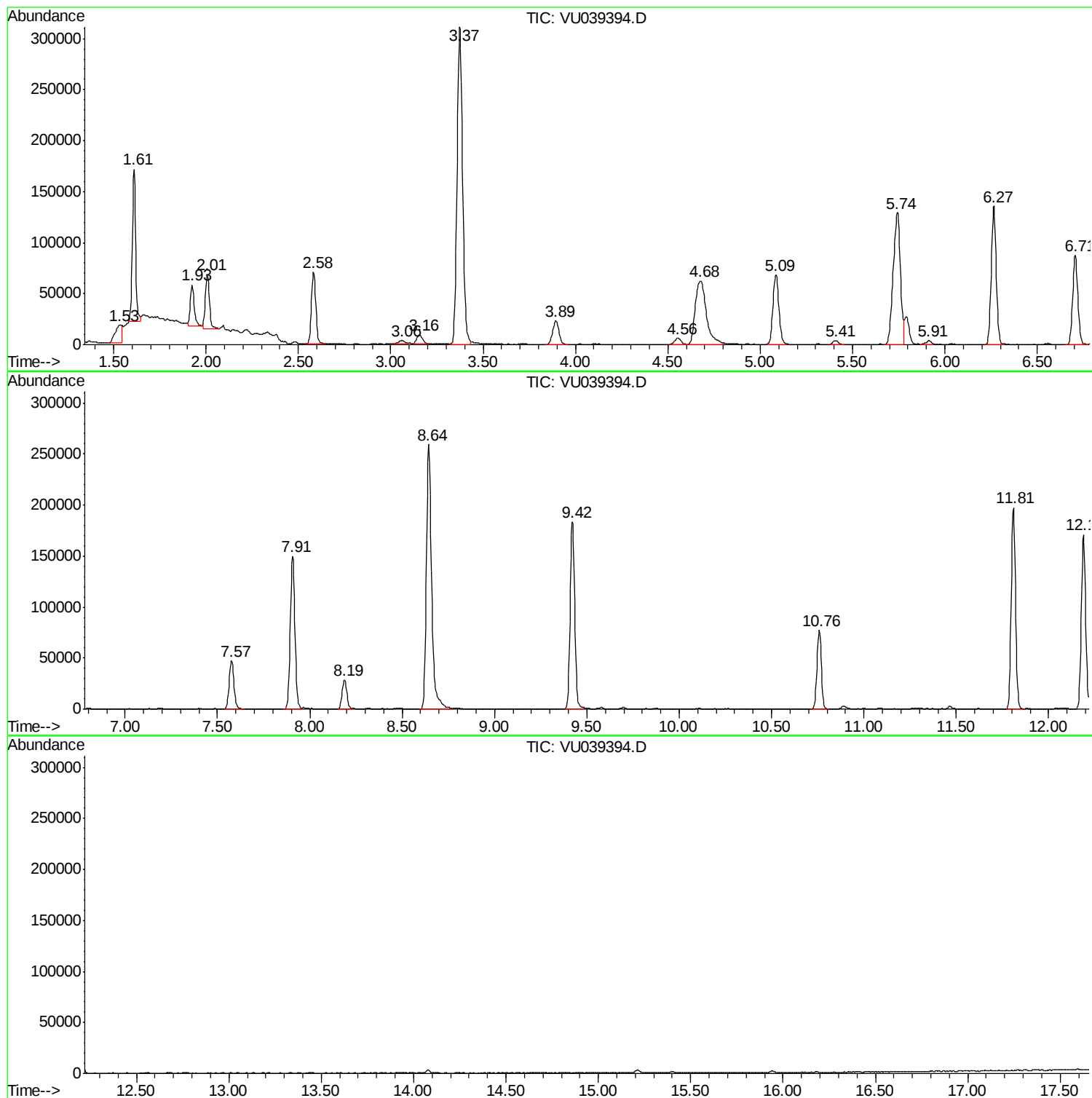
Sum of corrected areas: 4380297

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

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



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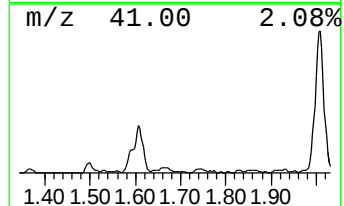
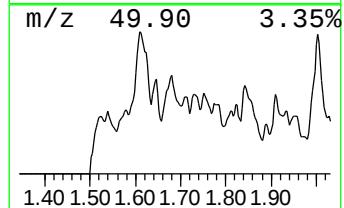
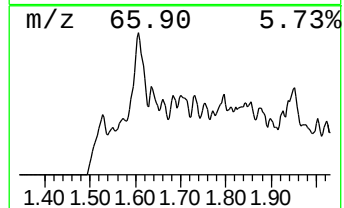
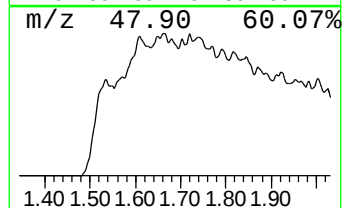
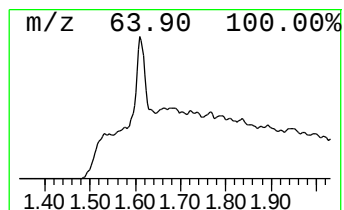
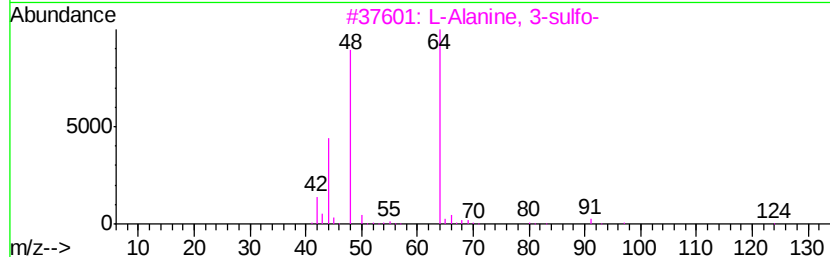
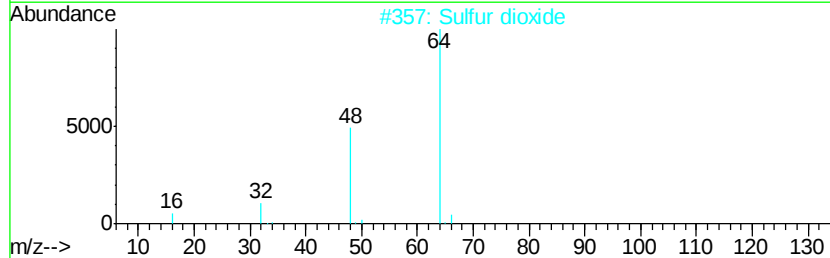
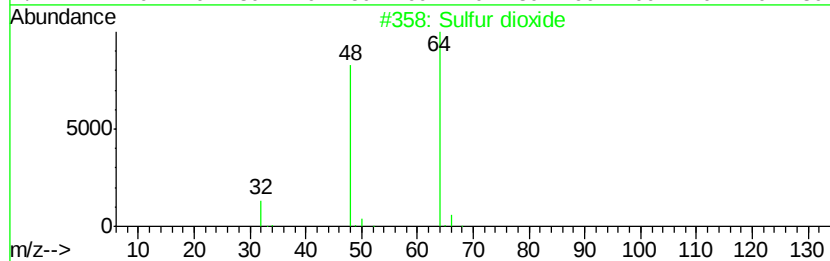
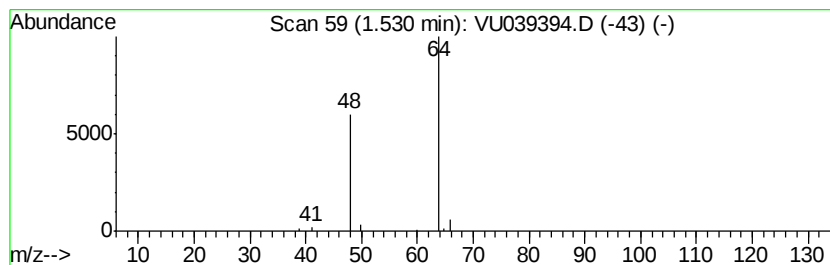
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

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.
1.53	0.81 ug/L	41128	1,4-Difluorobenzene	6.27

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



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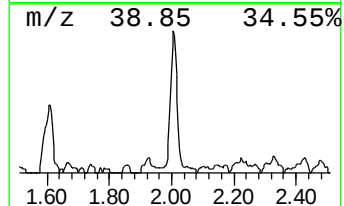
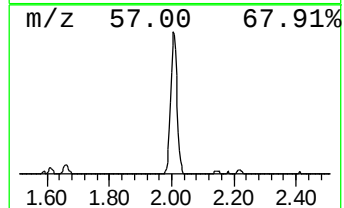
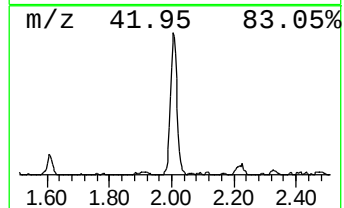
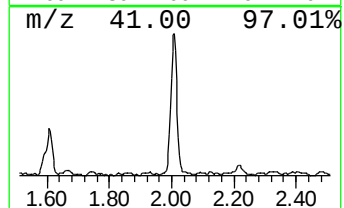
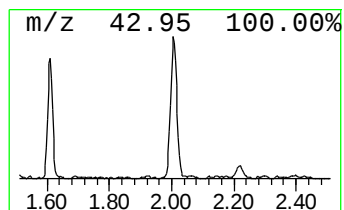
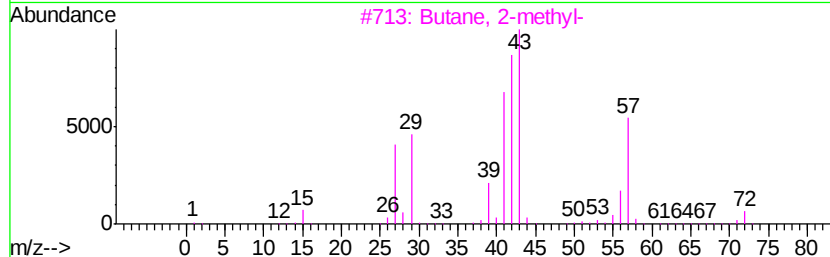
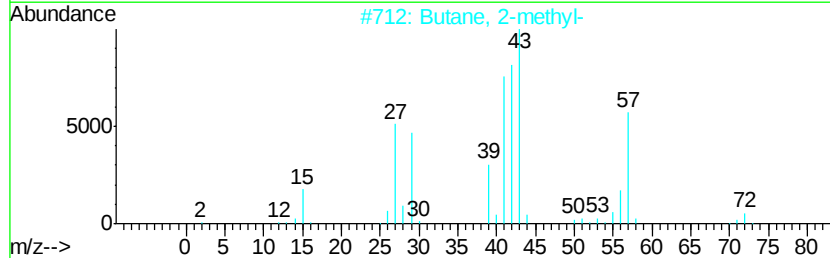
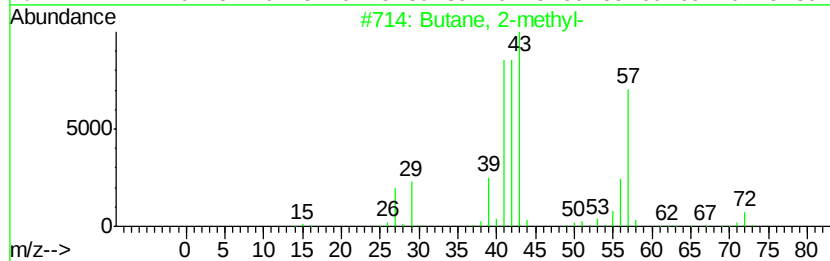
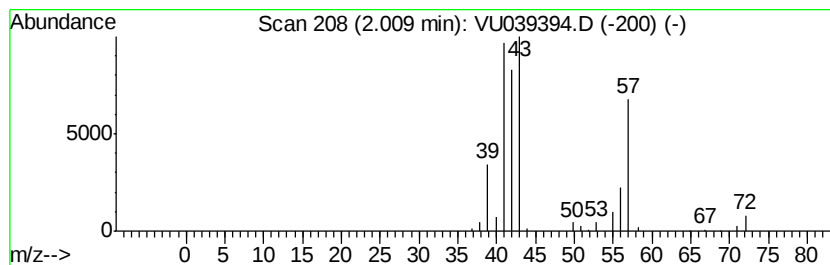
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Quant Title : TRACE VOA SOM01.0

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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.
2.01	1.56 ug/L	79016	1,4-Difluorobenzene	6.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	90
2			Butane, 2-methyl-	72	C5H12	000078-78-4	86
3			Butane, 2-methyl-	72	C5H12	000078-78-4	78
4			Pentane	72	C5H12	000109-66-0	36
5			3-Buten-1-ol	72	C4H8O	000627-27-0	28



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.53	0.8	ug/L	41128	1	6.27	252459	5.0
(DEL) Alkane: Str...	2.01	1.6	ug/L	79016	1	6.27	252459	5.0