LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112119\
Data File : VU035808.D
Acq On : 21 Nov 2019 17:14
Operator : JC/SP
Sample : K5930-12 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : B0AB2

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\SOMUTR112119WMA.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	1.388	5	15	28	rBV	50462	76290	4.47%	0.587%
2	1.488	37	46	67	rBV	185169	538419	31.57%	4.145%
3	1.620	80	87	98	rBV2	394740	461382	27.05%	3.552%
4	1.935	178	185	194	rBV	193707	242929	14.24%	1.870%
5	2.597	381	391	405	rVB2	347816	572670	33.58%	4.409%
6	3.079	532	541	558	rVB4	17098	37459	2.20%	0.288%
7	3.234	578	589	604	rVB2	22551	53116	3.11%	0.409%
8	3.919	788	802	820	rBV2	48179	113237	6.64%	0.872%
9	4.703	1028	1046	1061	rBV2	284938	840422	49.27%	6.470%
10	4.780	1062	1070	1101	rVB	115133	308002	18.06%	2.371%
11	5.115	1152	1174	1199	rBV	303366	696971	40.86%	5.366%
12	5.771	1356	1378	1417	rBV2	586776	1550332	90.90%	11.935%
13	6.292	1522	1540	1563	rBV	281492	570175	33.43%	4.390%
14	6.584	1616	1631	1649	rBV2	99317	195995	11.49%	1.509%
15	6.735	1663	1678	1697	rBV	375852	754986	44.27%	5.812%
16	6.835	1703	1709	1725	rVB9	10868	22023	1.29%	0.170%
17	7.603	1936	1948	1970	rBV	153561	301205	17.66%	2.319%
18	7.935	2036	2051	2078	rBV	593007	1126163	66.03%	8.670%
19	8.218	2127	2139	2165	rBV	91318	183567	10.76%	1.413%
20	8.700	2271	2289	2351	rBV2	500902	1705591	100.00%	13.131%
21	9.452	2510	2523	2551	rBV	403074	814401	47.75%	6.270%
22	10.790	2924	2939	2962	rBV	259348	473287	27.75%	3.644%
23	11.844	3254	3267	3285	rVB	303673	586718	34.40%	4.517%
24	12.224	3372	3385	3402	rVB	419246	763984	44.79%	5.882%

Sum of corrected areas: 12989324

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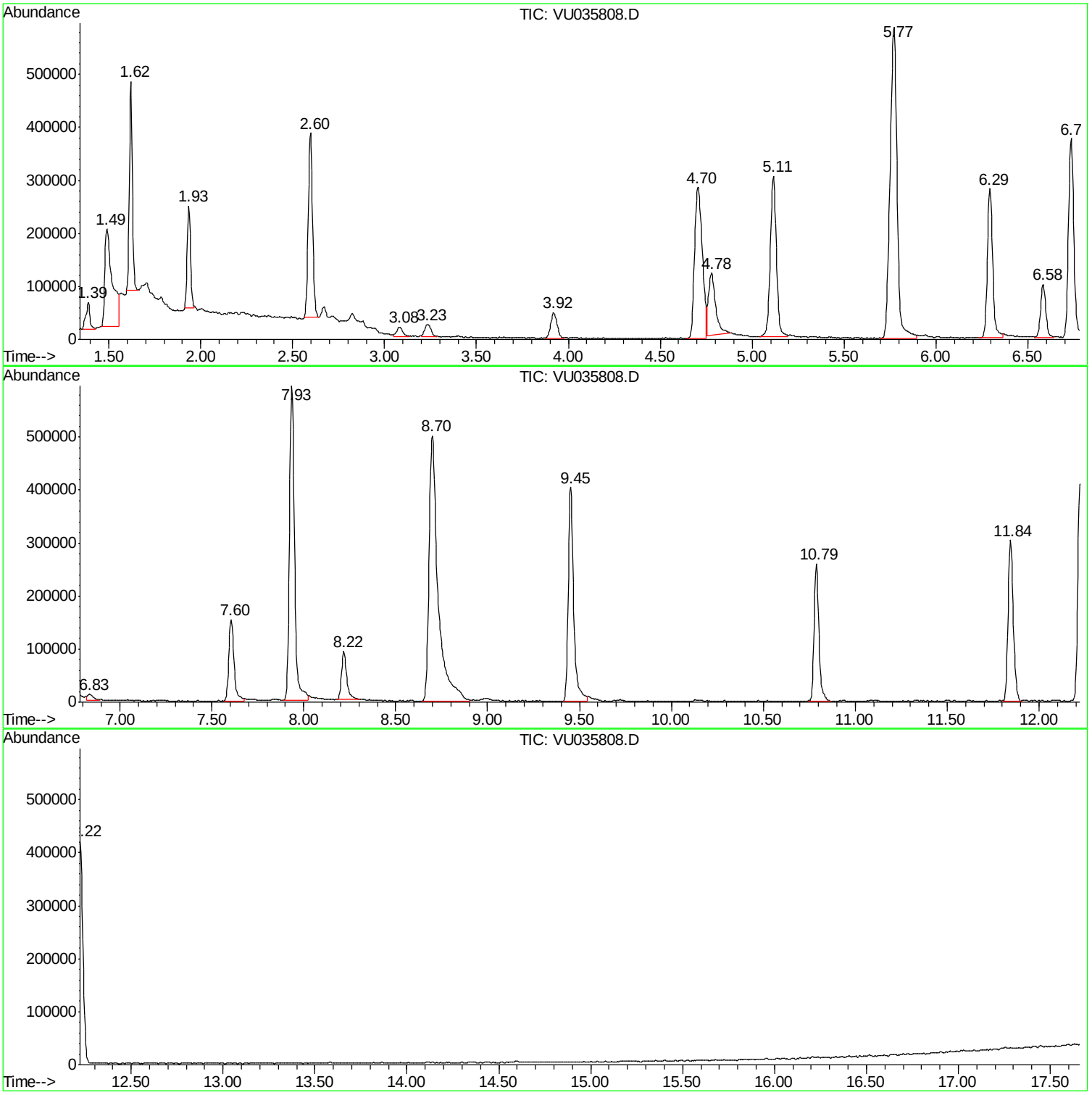
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0

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



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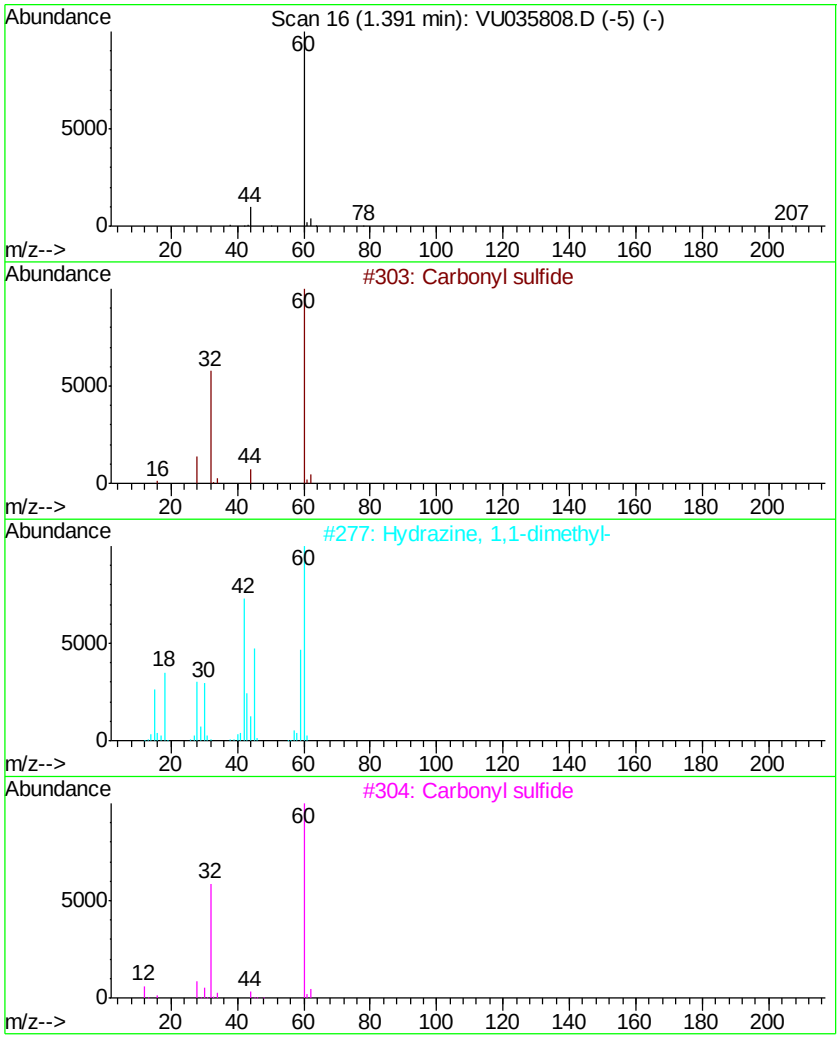
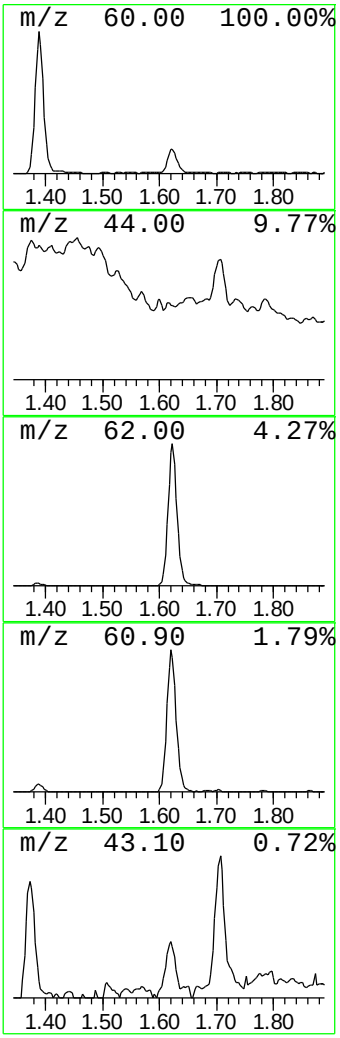
Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.39	0.67 ug/L	76290	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonyl sulfide	60	COS	000463-58-1	9
2	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	5
3	Carbonyl sulfide	60	COS	000463-58-1	5
4	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	4
5	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	4





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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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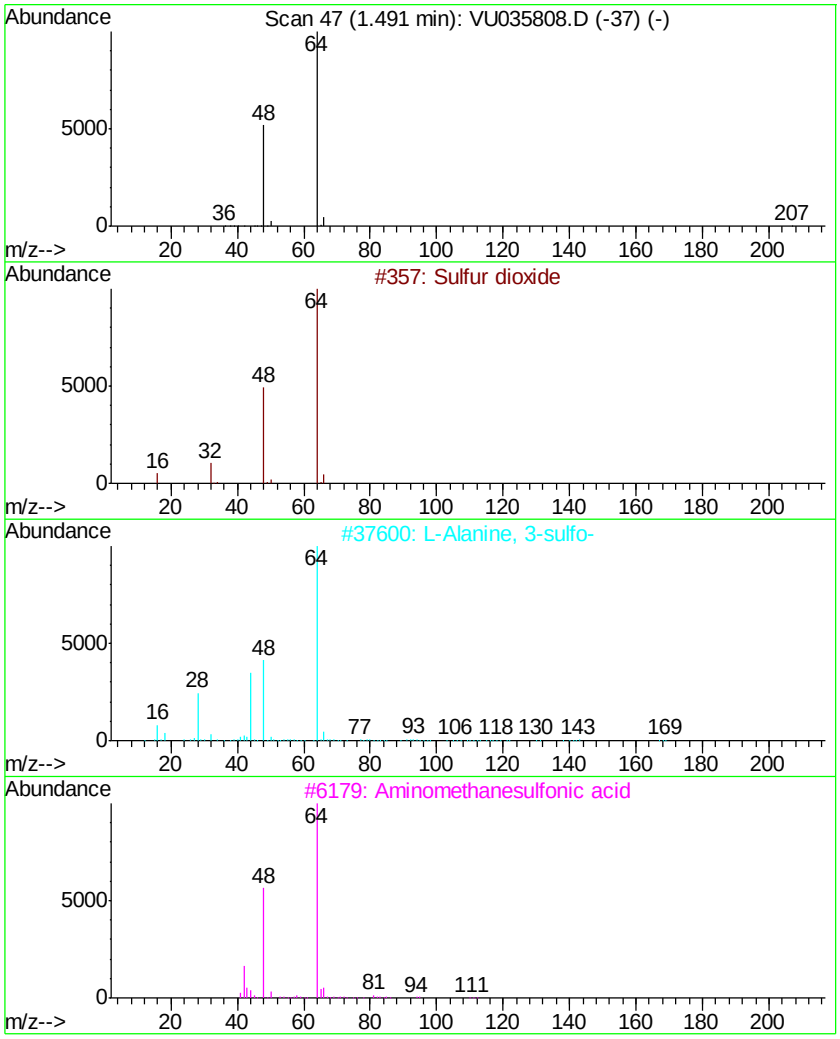
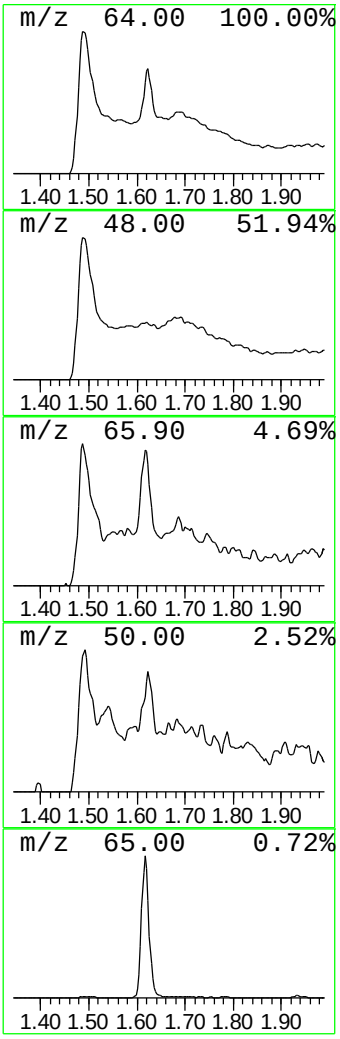
Peak Number 2 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.49	4.72 ug/L	538419	1,4-Difluorobenzene	6.29

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





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.39	0.7	ug/L	76290	1	6.29	570175	5.0
Sulfur dioxide	1.49	4.7	ug/L	538419	1	6.29	570175	5.0