LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
Data File : VV016139.D
Acq On : 20 May 2020 18:11
Operator : SY/MD
Sample : L2725-10
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B20

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_V\METHOD\SOMVTR050720WMA.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	1.238	37	46	47	rBV2	11290	14090	1.69%	0.252%
2	1.319	64	71	81	rVB	58324	62951	7.55%	1.126%
3	1.438	83	108	145	rBV	146070	834005	100.00%	14.924%
4	1.579	147	152	163	rVB	62112	81046	9.72%	1.450%
5	2.126	311	322	338	rBV	106556	157471	18.88%	2.818%
6	3.933	871	884	920	rBV	61498	220437	26.43%	3.945%
7	4.380	1005	1023	1049	rBV	92181	227445	27.27%	4.070%
8	5.077	1222	1240	1267	rBV2	200947	504805	60.53%	9.033%
9	5.643	1404	1416	1445	rBV	174731	351417	42.14%	6.289%
10	6.097	1542	1557	1581	rBV	122888	252879	30.32%	4.525%
11	7.010	1831	1841	1870	rBV	51322	98015	11.75%	1.754%
12	7.341	1932	1944	1964	rBV	236256	412925	49.51%	7.389%
13	7.646	2030	2039	2062	rBV	30618	55046	6.60%	0.985%
14	8.116	2169	2185	2216	rBV	299920	596907	71.57%	10.681%
15	8.875	2409	2421	2442	rBV	280208	447441	53.65%	8.007%
16	10.238	2831	2845	2862	rBV	91776	145186	17.41%	2.598%
17	11.270	3155	3166	3187	rBV	279104	432858	51.90%	7.746%
18	11.550	3242	3253	3265	rBV2	15521	24209	2.90%	0.433%
19	11.646	3271	3283	3301	rBV	250368	392833	47.10%	7.030%
20	13.527	3856	3868	3886	rBV	58758	95055	11.40%	1.701%
21	14.845	4265	4278	4291	rBV4	7607	13145	1.58%	0.235%
22	15.389	4439	4447	4458	rBV3	5728	8464	1.01%	0.151%
23	15.836	4580	4586	4599	rBV10	5569	9818	1.18%	0.176%
24	16.511	4786	4796	4818	rBV	36541	64211	7.70%	1.149%
25	16.813	4877	4890	4900	rBV2	33017	60234	7.22%	1.078%
26	17.421	5071	5079	5087	rBV5	10170	16683	2.00%	0.299%
27	17.540	5111	5116	5124	rVB9	5856	8669	1.04%	0.155%

Sum of corrected areas: 5588245

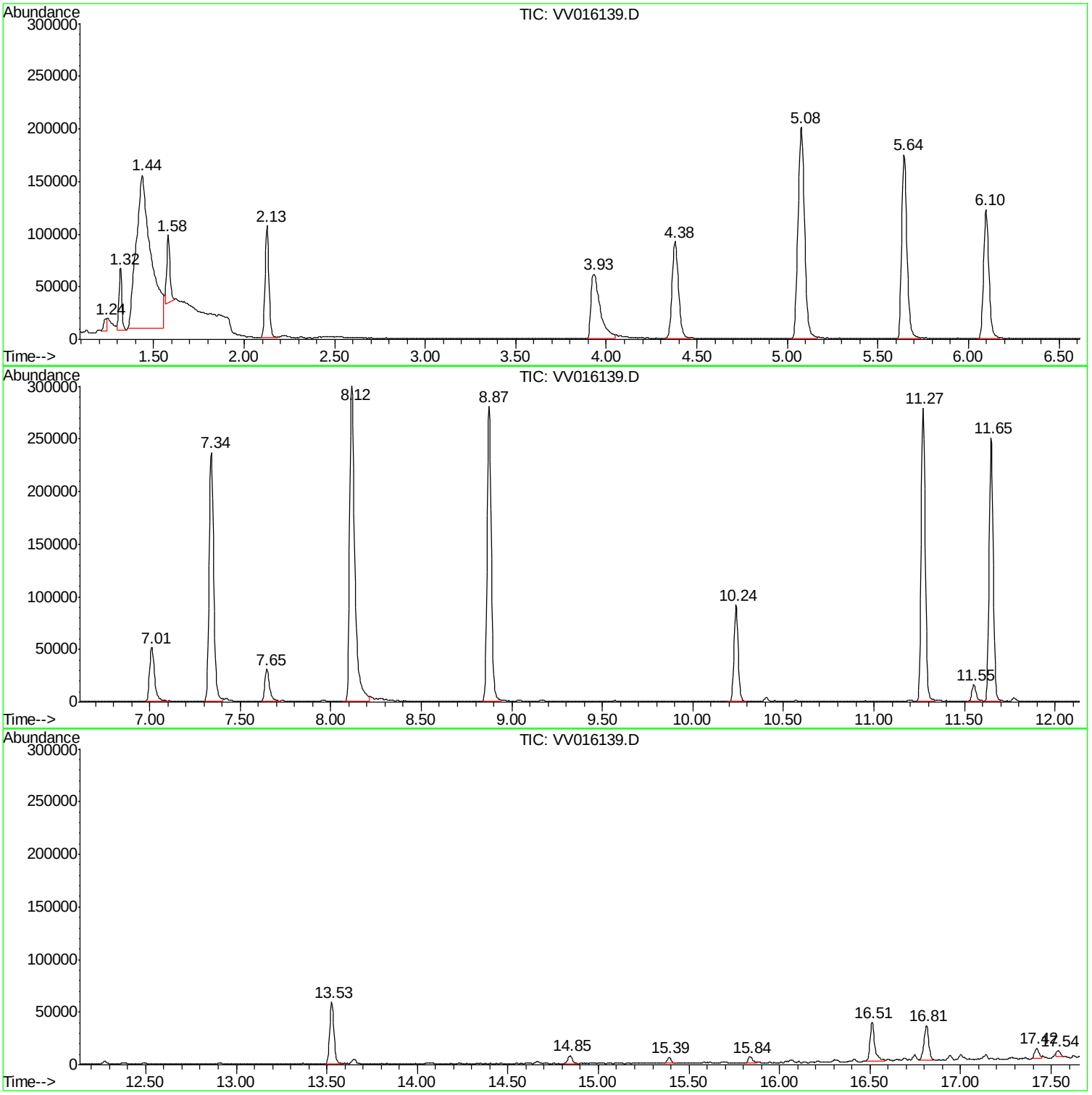
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052020\
Data File : VV016139.D
Acq On : 20 May 2020 18:11
Operator : SY/MD
Sample : L2725-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052020\
Data File : VV016139.D
Acq On : 20 May 2020 18:11
Operator : SY/MD
Sample : L2725-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

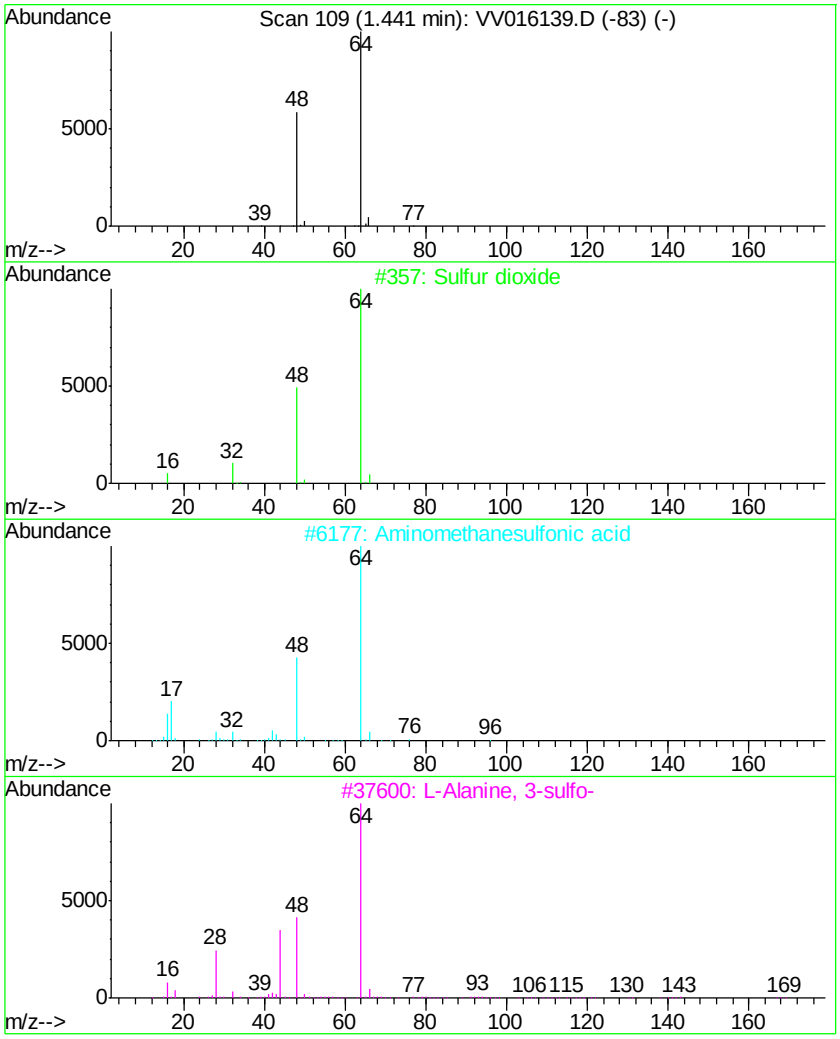
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

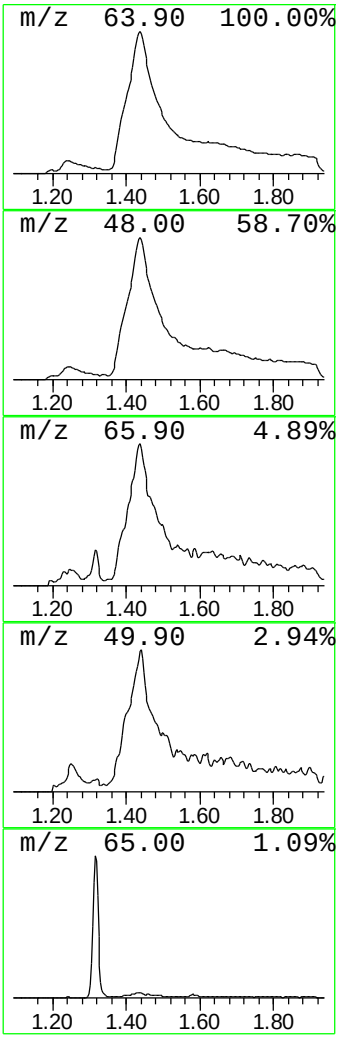
****

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.44	11.87 ug/L	834005	1,4-Difluorobenzene	5.64

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	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052020\
Data File : VV016139.D
Acq On : 20 May 2020 18:11
Operator : SY/MD
Sample : L2725-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.44	11.9	ug/L	834005	1	5.64	351417	5.0