LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071318\
Data File : VV006610.D
Acq On : 13 Jul 2018 23:07
Operator : SY/MD
Sample : J3983-20
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB1A1

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\SOMVTR070718WMA.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	1.025	29	42	59	rBV	2313597	2766795	95.73%	16.715%
2	1.093	60	63	87	rVB	44758	102285	3.54%	0.618%
3	1.234	93	107	125	rBV	181638	719291	24.89%	4.345%
4	1.318	129	133	162	rVB2	177443	338447	11.71%	2.045%
5	1.514	189	194	204	rBV2	21676	49369	1.71%	0.298%
6	1.575	207	213	231	rVB	109465	146157	5.06%	0.883%
7	2.132	377	386	398	rBV	240675	338060	11.70%	2.042%
8	2.791	579	591	610	rBV	953174	1612179	55.78%	9.740%
9	3.964	934	956	999	rBV2	1150692	2890238	100.00%	17.461%
10	4.408	1073	1094	1124	rBV	153230	360911	12.49%	2.180%
11	5.099	1291	1309	1335	rBV2	377012	873381	30.22%	5.276%
12	5.668	1472	1486	1514	rBV	320893	623647	21.58%	3.768%
13	5.964	1561	1578	1604	rBV	613906	1176600	40.71%	7.108%
14	6.125	1613	1628	1649	rVB	203308	404717	14.00%	2.445%
15	7.035	1898	1911	1931	rBV	93497	164914	5.71%	0.996%
16	7.363	1999	2013	2031	rBV	439069	750707	25.97%	4.535%
17	7.668	2097	2108	2127	rBV	56171	93397	3.23%	0.564%
18	8.138	2242	2254	2296	rBV	488680	856132	29.62%	5.172%
19	8.900	2478	2491	2515	rBV	451775	728449	25.20%	4.401%
20	10.266	2904	2916	2941	rBV	160101	250992	8.68%	1.516%
21	11.298	3222	3237	3264	rBV	415715	669635	23.17%	4.045%
22	11.678	3342	3355	3381	rVB	405251	636596	22.03%	3.846%

Sum of corrected areas: 16552899

LSC Report - Integrated Chromatogram

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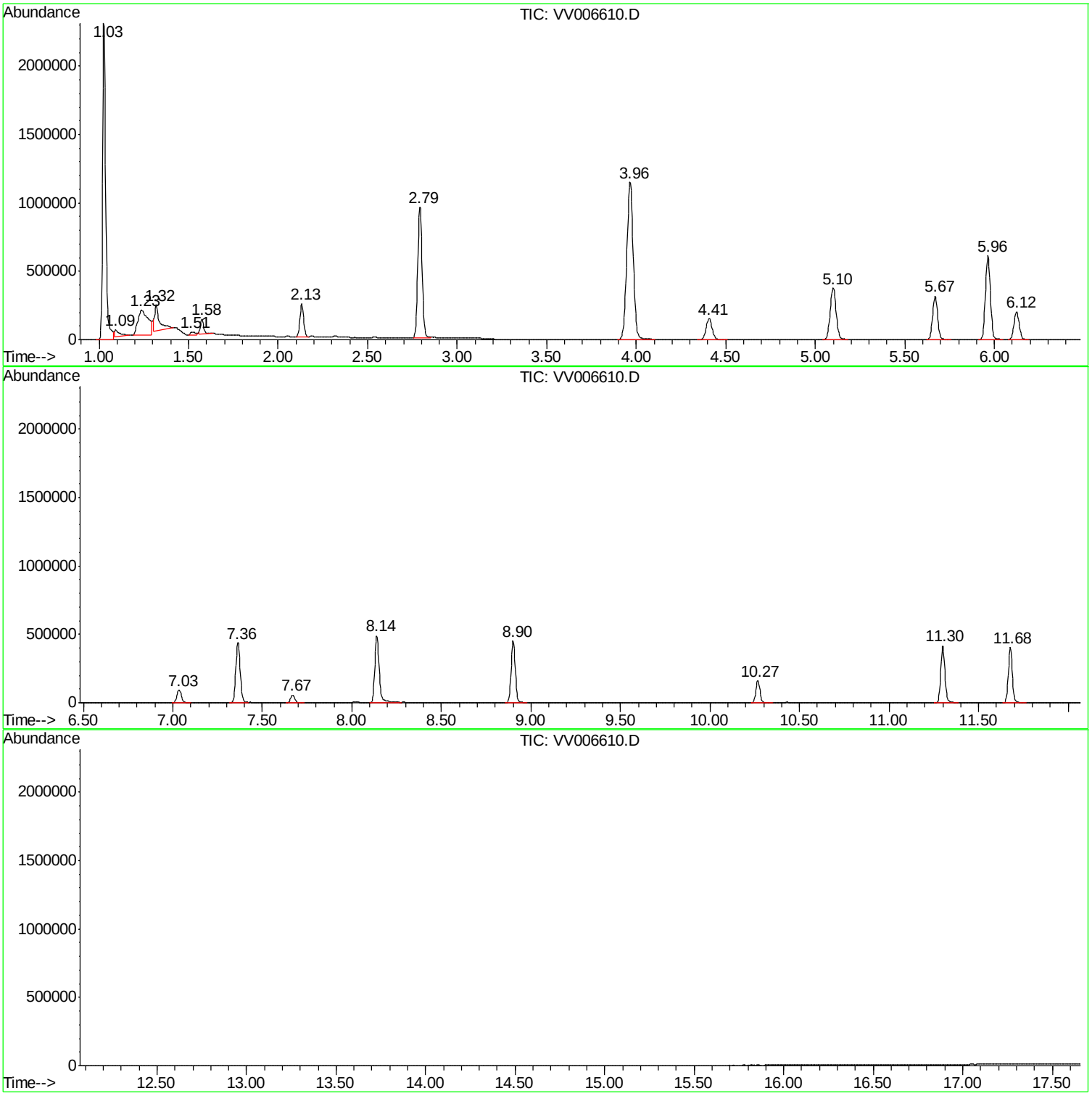
Instrument : MSVOA_V
ClientSampleId : DB1A1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.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\VV071318\
Data File : VV006610.D
Acq On : 13 Jul 2018 23:07
Operator : SY/MD
Sample : J3983-20
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB1A1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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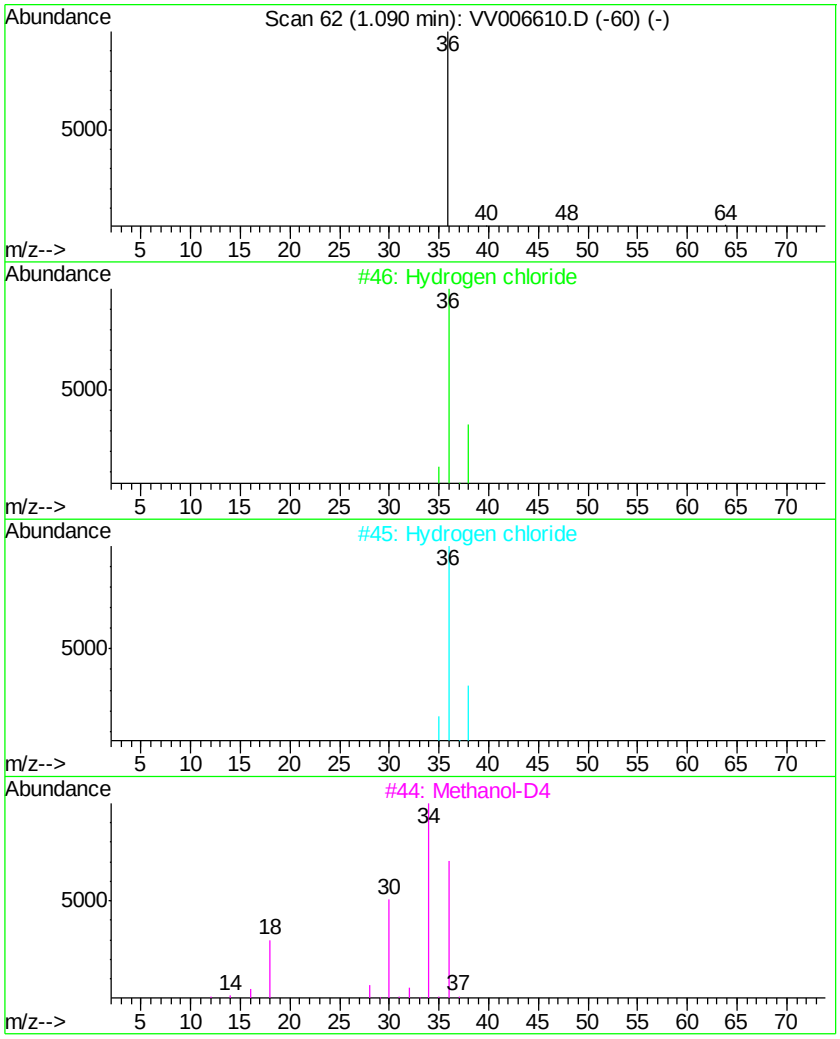
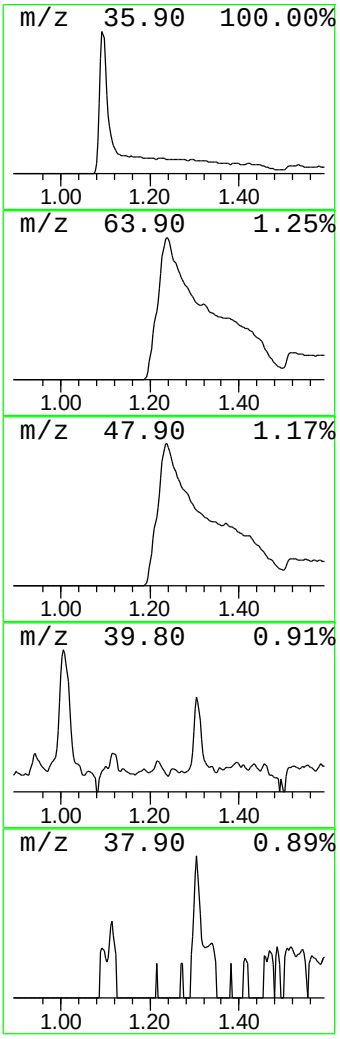
Peak Number 2 Hydrogen chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.09	0.82 ug/L	102285	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrogen chloride	36	ClH	007647-01-0	2
2	Hydrogen chloride	36	ClH	007647-01-0	2
3	Methanol-D4	36	CD4O	000811-98-3	2
4	Ammonium Chloride	53	ClH4N	012125-02-9	1
5	2-Chloroethylamine	79	C2H6ClN	000689-98-5	1





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Instrument : MSVOA_V
ClientSampleId : DB1A1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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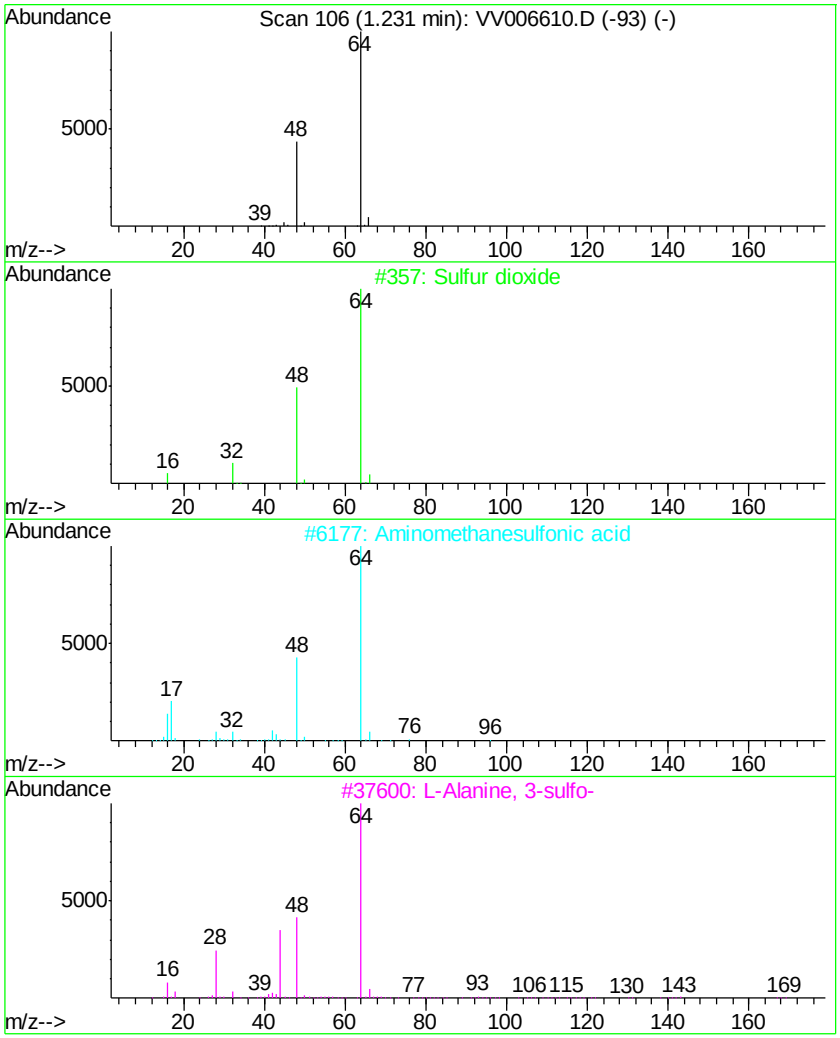
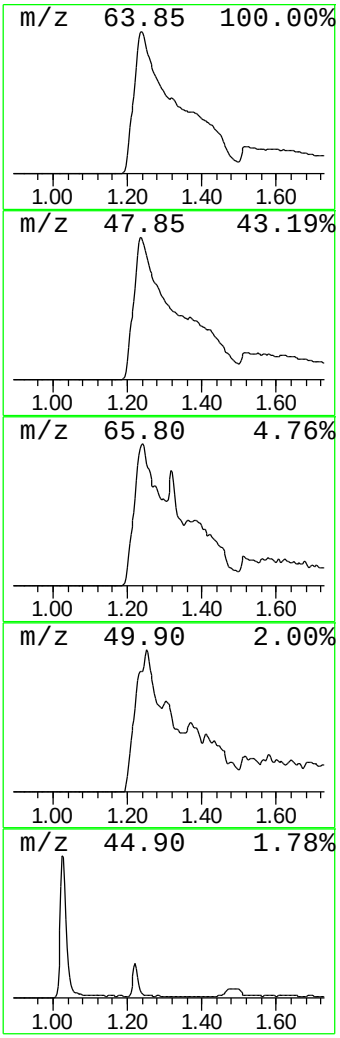
Peak Number 3 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	5.77 ug/L	719291	1,4-Difluorobenzene	5.67

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	Sulfur dioxide	64	O2S	007446-09-5	5
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





Tentatively Identified Compound (LSC) summary

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ClientSampleId : DB1A1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.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
Hydrogen chloride	1.09	0.8	ug/L	102285	1	5.67	623647	5.0
Sulfur dioxide	1.23	5.8	ug/L	719291	1	5.67	623647	5.0