LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
Data File : VV013753.D
Acq On : 22 Nov 2019 23:00
Operator : SY/MD
Sample : K5941-20
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : B0AD8

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\SOMVTR112219WMA.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	1.203	28	35	64	rBV	1262450	2103073	48.78%	10.941%
2	1.322	65	72	83	rVB2	630086	688890	15.98%	3.584%
3	1.582	147	153	156	rBV	139684	156966	3.64%	0.817%
4	2.139	315	326	338	rVB	3004102	4311443	100.00%	22.429%
5	2.791	516	529	547	rBV	541613	917037	21.27%	4.771%
6	3.228	650	665	686	rBV	361353	745120	17.28%	3.876%
7	3.926	871	882	890	rBV	181570	466723	10.83%	2.428%
8	4.396	1012	1028	1047	rBV	205442	493891	11.46%	2.569%
9	5.093	1227	1245	1262	rBV2	446010	1103617	25.60%	5.741%
10	5.177	1263	1271	1291	rVB3	59845	140026	3.25%	0.728%
11	5.662	1405	1422	1445	rBV	350062	707231	16.40%	3.679%
12	5.955	1499	1513	1536	rBV	625457	1224636	28.40%	6.371%
13	6.113	1549	1562	1582	rVB2	257037	523650	12.15%	2.724%
14	6.405	1639	1653	1674	rBV2	92597	207371	4.81%	1.079%
15	7.026	1834	1846	1864	rBV	106866	197402	4.58%	1.027%
16	7.357	1935	1949	1968	rBV	505208	890079	20.64%	4.630%
17	7.662	2033	2044	2059	rBV2	64097	114369	2.65%	0.595%
18	7.881	2100	2112	2123	rBV2	34093	60966	1.41%	0.317%
19	8.129	2177	2189	2220	rBV	595968	1249967	28.99%	6.503%
20	8.891	2412	2426	2449	rBV	555153	902018	20.92%	4.692%
21	10.257	2838	2851	2864	rBV	219204	349751	8.11%	1.819%
22	11.289	3161	3172	3192	rVB	518790	817543	18.96%	4.253%
23	11.665	3277	3289	3308	rBV	524747	850798	19.73%	4.426%

Sum of corrected areas: 19222567

LSC Report - Integrated Chromatogram

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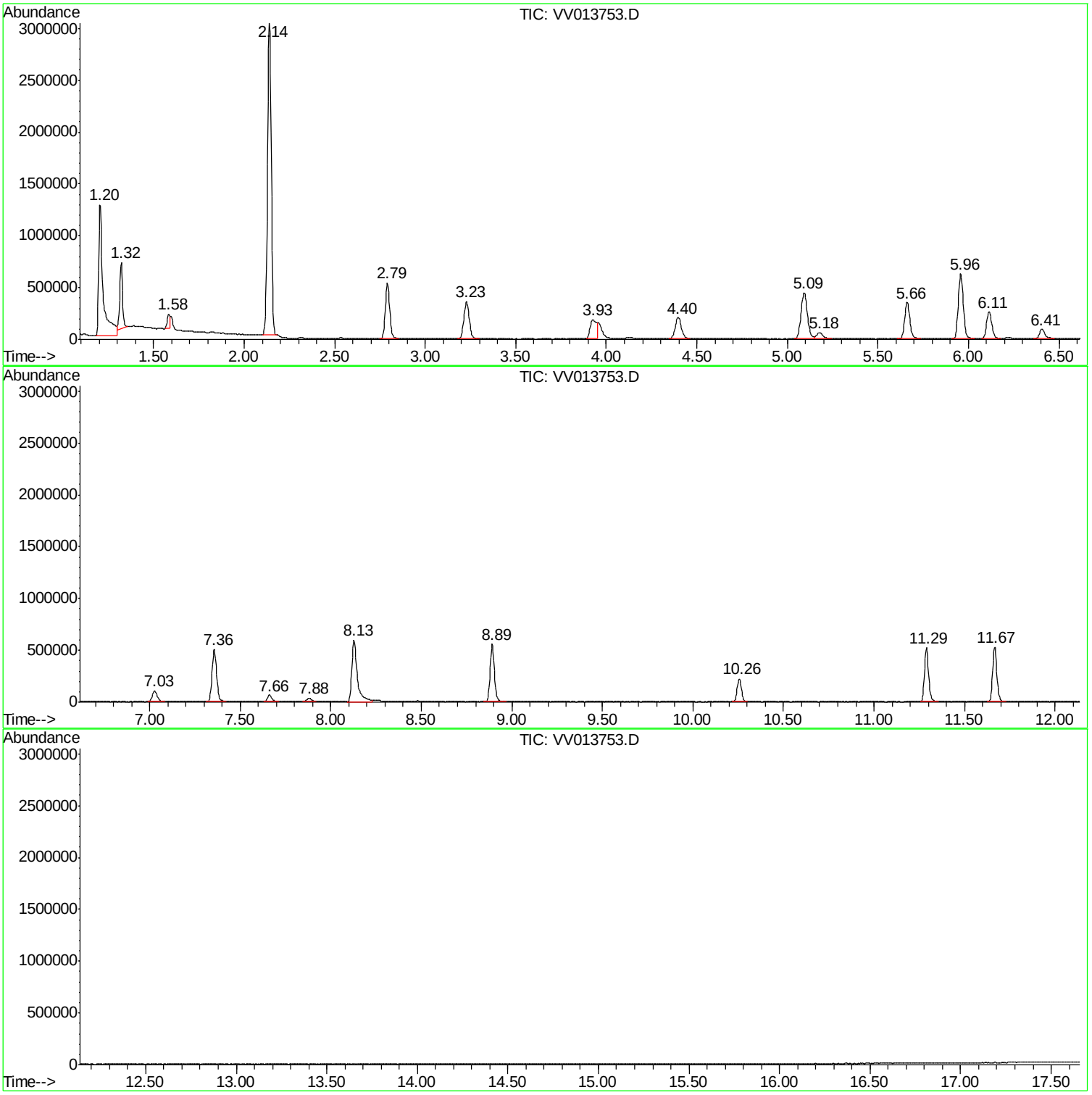
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

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



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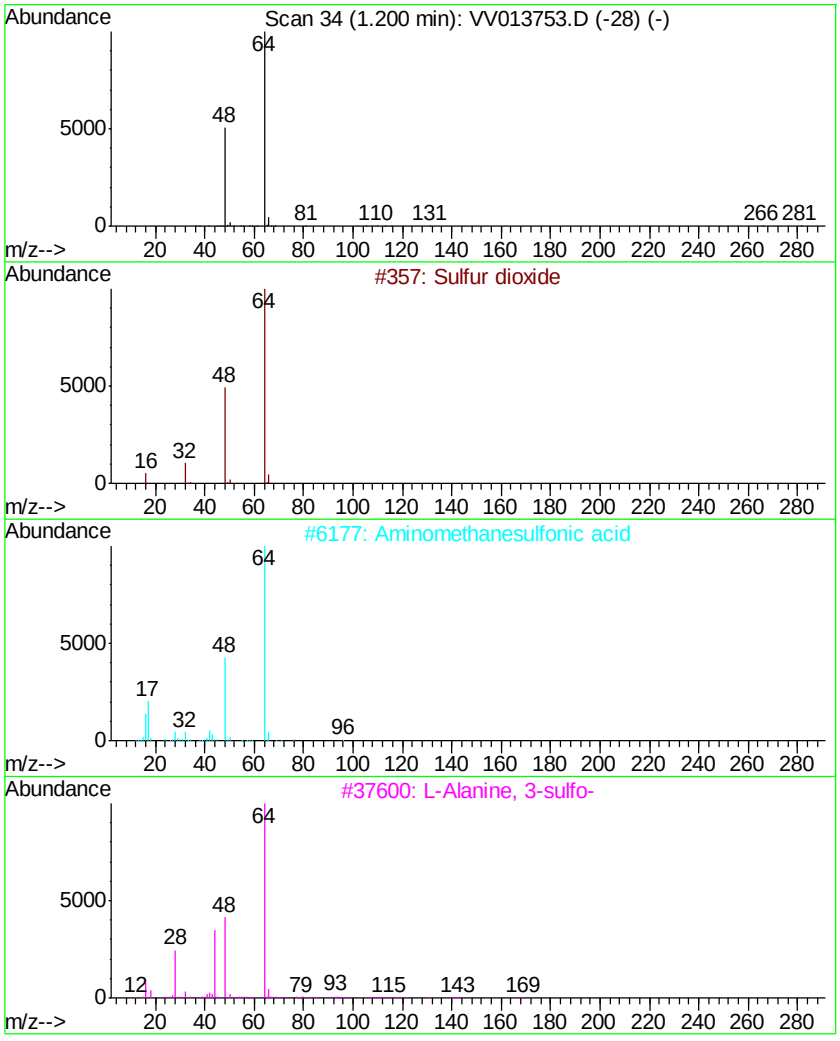
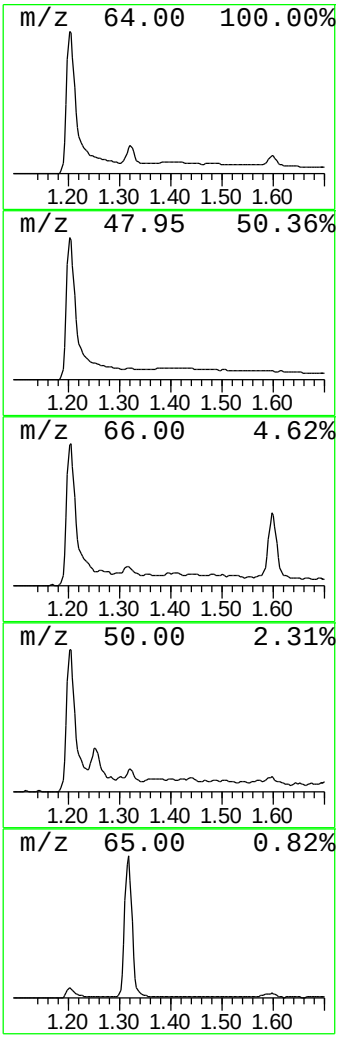
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.20	14.87 ug/L	2103070	1,4-Difluorobenzene	5.66

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	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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TIC Library : C:\DATABASE\NIST11.L
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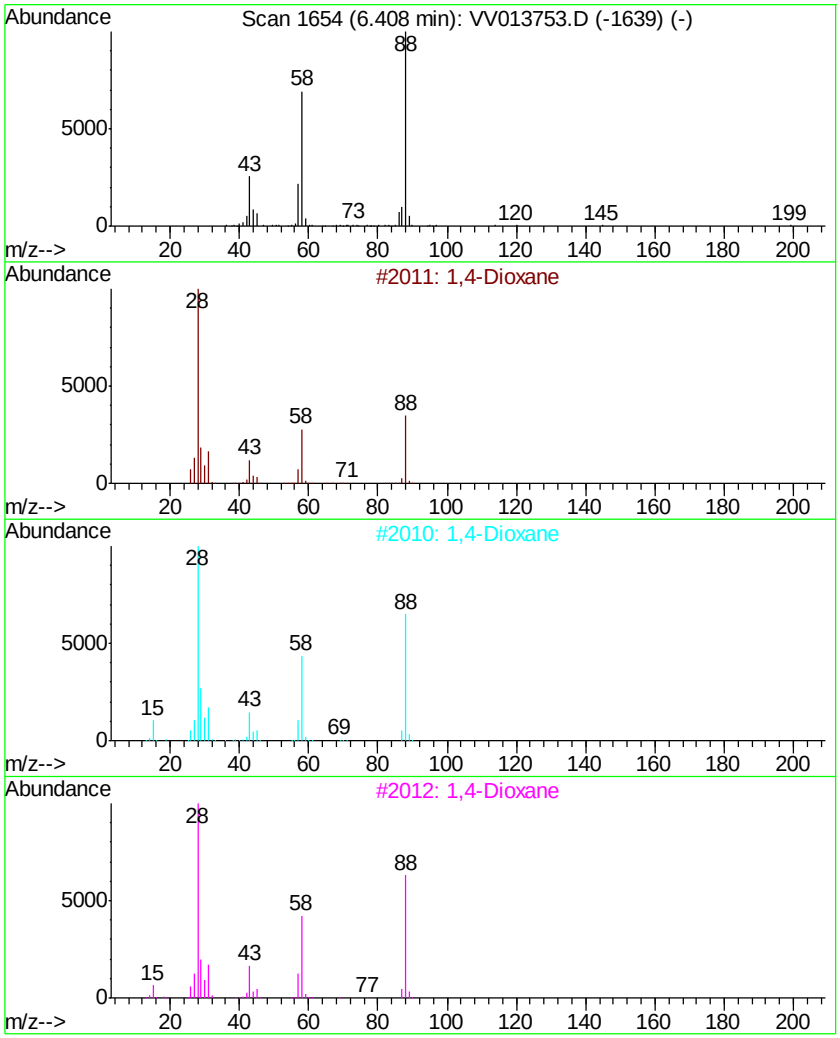
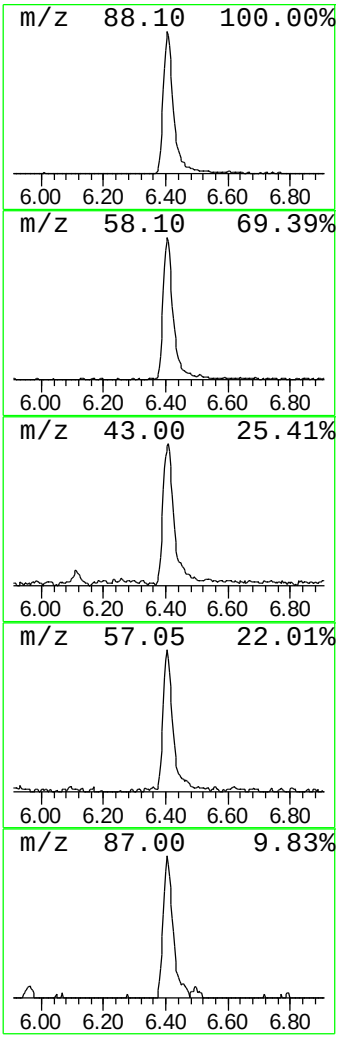
Peak Number 2 1,4-Dioxane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	1.47 ug/L	207371	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	91
2	1,4-Dioxane	88	C4H8O2	000123-91-1	90
3	1,4-Dioxane	88	C4H8O2	000123-91-1	87
4	1,4-Dioxane	88	C4H8O2	000123-91-1	78
5	1,3,6-Trioxocane	118	C5H10O3	001779-19-7	43





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
Sulfur dioxide	1.20	14.9	ug/L	2103070	1	5.66	707231	5.0
1,4-Dioxane	6.41	1.5	ug/L	207371	1	5.66	707231	5.0