LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021119\
Data File : VU029408.D
Acq On : 11 Feb 2019 19:56
Operator : JC/SP
Sample : K1436-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXA2

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\SOMUTR021119WMA.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	1.299	55	65	71	rBV	30839	64831	9.28%	1.062%
2	1.395	89	95	104	rBV	120818	131206	18.78%	2.150%
3	1.678	176	183	197	rVB	90497	113705	16.28%	1.863%
4	2.273	358	368	380	rBV	208192	316194	45.27%	5.181%
5	2.447	413	422	436	rBV2	44842	81079	11.61%	1.329%
6	4.193	952	965	994	rBV	93260	257200	36.82%	4.215%
7	4.646	1087	1106	1129	rBV	114755	271235	38.83%	4.445%
8	5.334	1297	1320	1341	rBV2	238537	652969	93.48%	10.700%
9	5.884	1477	1491	1511	rBV	222312	436007	62.42%	7.145%
10	6.331	1614	1630	1652	rBV	147328	298341	42.71%	4.889%
11	7.228	1897	1909	1928	rBV	87348	158120	22.64%	2.591%
12	7.395	1943	1961	1977	rVB2	10397	22000	3.15%	0.361%
13	7.562	2000	2013	2032	rBV	333973	595417	85.24%	9.757%
14	7.852	2092	2103	2118	rBV	49938	88845	12.72%	1.456%
15	8.312	2234	2246	2285	rBV	379621	698529	100.00%	11.447%
16	9.086	2474	2487	2516	rBV	321788	538009	77.02%	8.816%
17	9.376	2566	2577	2587	rBV2	12242	21393	3.06%	0.351%
18	10.430	2891	2905	2925	rBV	121392	196886	28.19%	3.226%
19	11.482	3220	3232	3260	rBV	355508	576460	82.52%	9.446%
20	11.752	3305	3316	3327	rBV3	11484	21693	3.11%	0.355%
21	11.858	3337	3349	3373	rVB	344490	562377	80.51%	9.216%

Sum of corrected areas: 6102496

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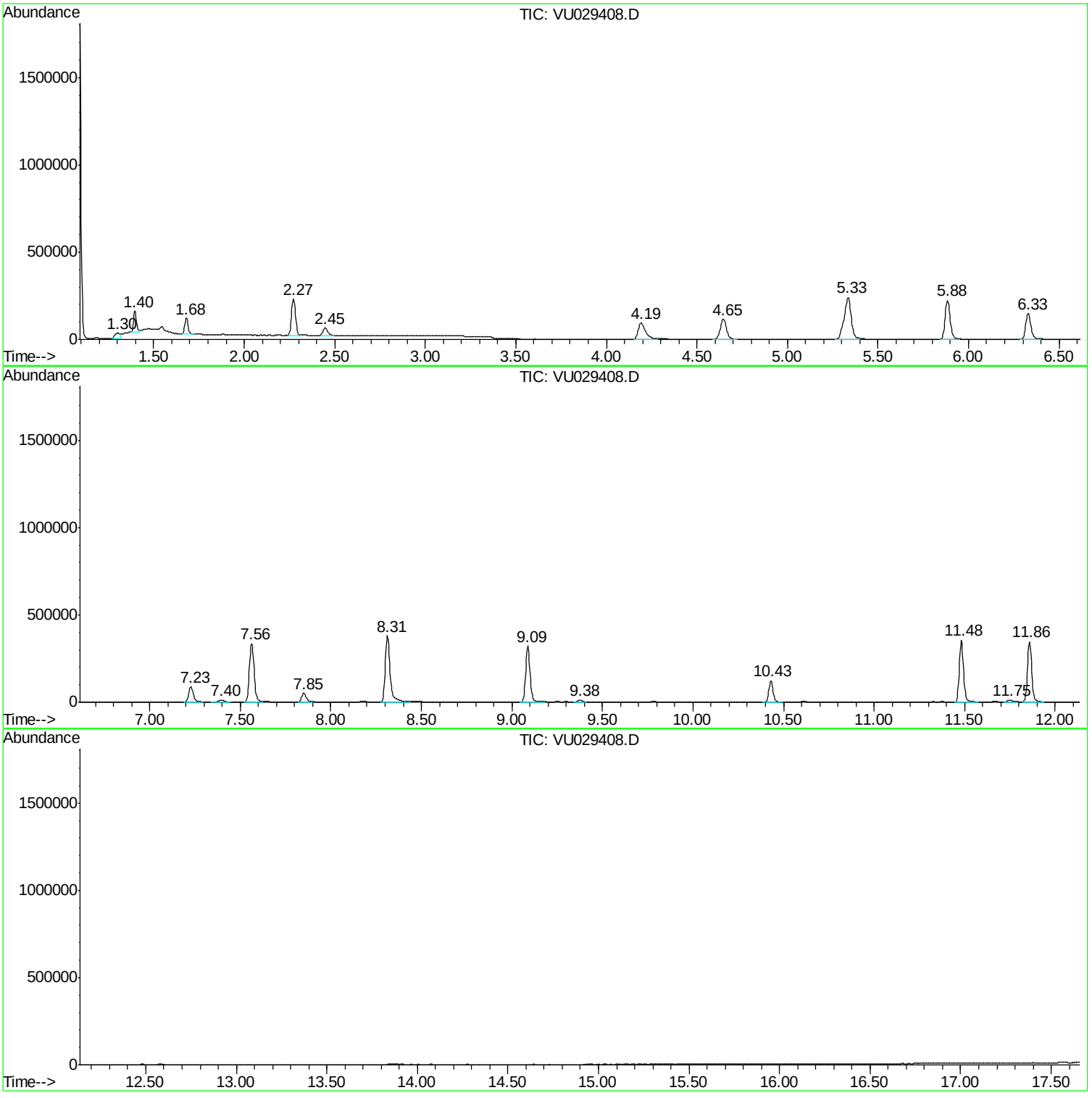
ClientSampleId :
ESXA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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Instrument : MSVOA_U
ClientSampleId : ESXA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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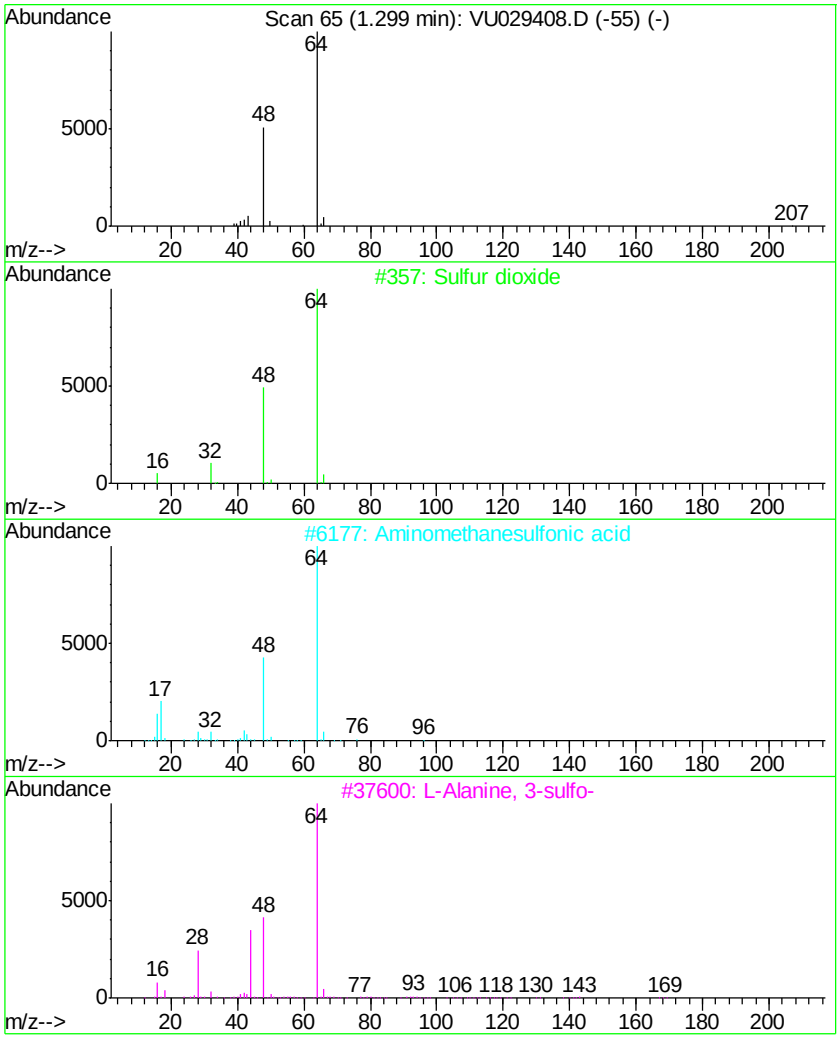
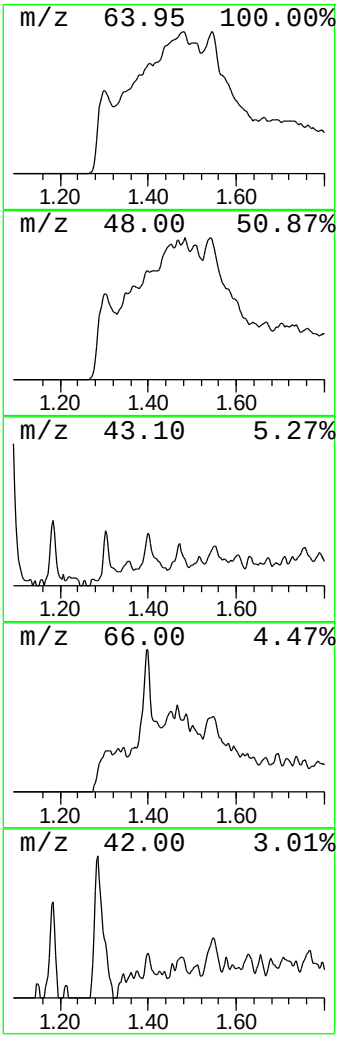
Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	0.74 ug/L	64831	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	64
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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Instrument : MSVOA_U
ClientSampleId : ESXA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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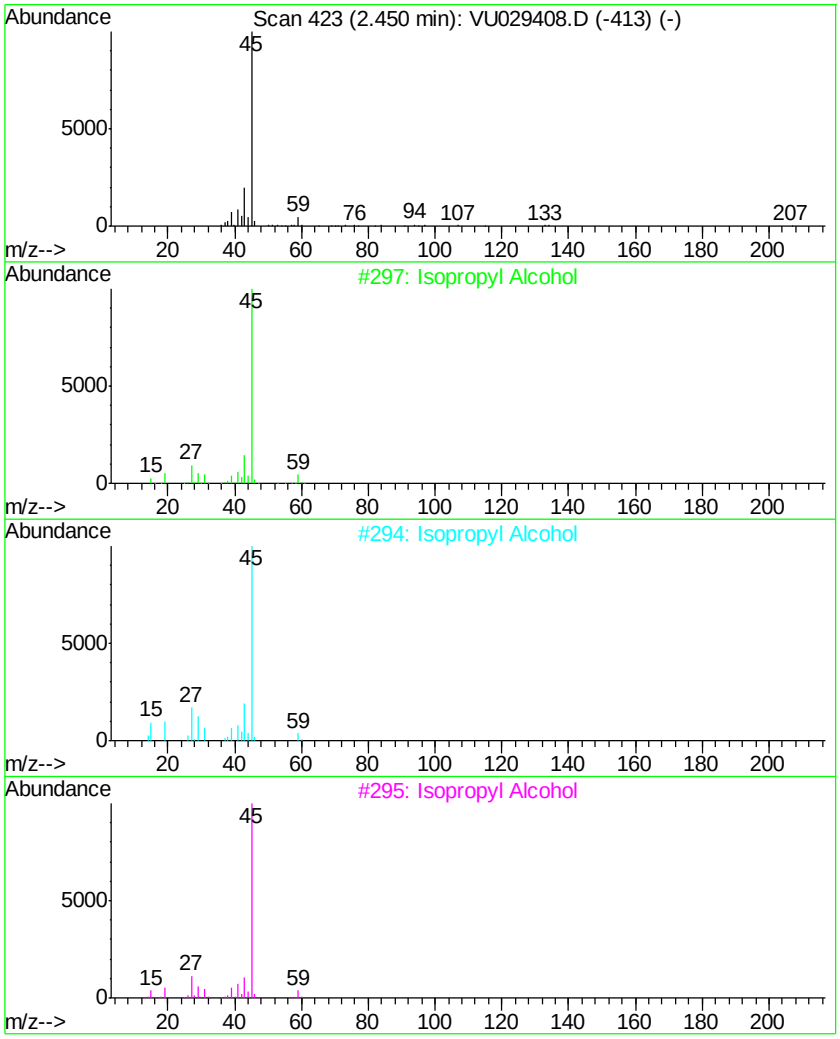
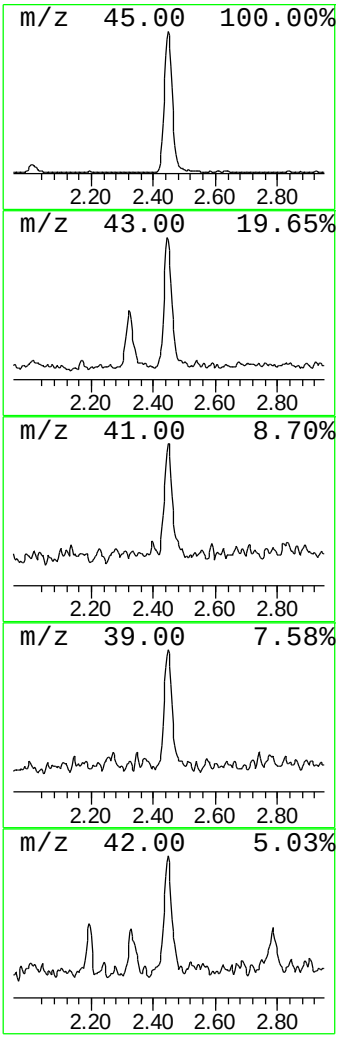
Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	0.93 ug/L	81079	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56





Tentatively Identified Compound (LSC) summary

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ClientSampleId : ESXA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.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	1.30	0.7	ug/L	64831	1	5.88	436007	5.0
Isopropyl Alcohol	2.45	0.9	ug/L	81079	1	5.88	436007	5.0