LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021119\
Data File : VU029398.D
Acq On : 11 Feb 2019 15:34
Operator : JC/SP
Sample : K1387-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JJ7

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	1.290	53	62	77	rBV	38843	110522	15.96%	1.688%
2	1.396	89	95	112	rVB	120515	128813	18.60%	1.967%
3	1.682	177	184	194	rVB	91871	114348	16.51%	1.746%
4	2.273	358	368	380	rBV	218672	331060	47.80%	5.056%
5	2.447	414	422	436	rVB	41787	69973	10.10%	1.069%
6	2.839	538	544	556	rVB2	17739	32993	4.76%	0.504%
7	4.193	952	965	974	rBV	93865	241329	34.85%	3.686%
8	4.646	1089	1106	1124	rBV	118678	276836	39.97%	4.228%
9	5.334	1296	1320	1343	rBV2	244043	666652	96.26%	10.181%
10	5.884	1477	1491	1511	rBV	266414	526441	76.02%	8.040%
11	6.331	1616	1630	1650	rBV	148503	302983	43.75%	4.627%
12	7.228	1894	1909	1929	rBV	90493	168656	24.35%	2.576%
13	7.563	2000	2013	2031	rBV	347993	610728	88.19%	9.327%
14	7.849	2090	2102	2124	rBV	55016	103820	14.99%	1.586%
15	8.177	2192	2204	2214	rBV2	13877	26374	3.81%	0.403%
16	8.312	2234	2246	2274	rBV	378205	692538	100.00%	10.576%
17	9.087	2475	2487	2510	rBV	383513	643894	92.98%	9.833%
18	10.431	2892	2905	2921	rBV	123860	200614	28.97%	3.064%
19	10.608	2947	2960	2975	rBV3	21948	40559	5.86%	0.619%
20	11.482	3218	3232	3255	rBV	408516	680744	98.30%	10.396%
21	11.858	3335	3349	3368	rBV	335439	561931	81.14%	8.582%
22	12.482	3535	3543	3554	rVB2	9858	16223	2.34%	0.248%

Sum of corrected areas: 6548031

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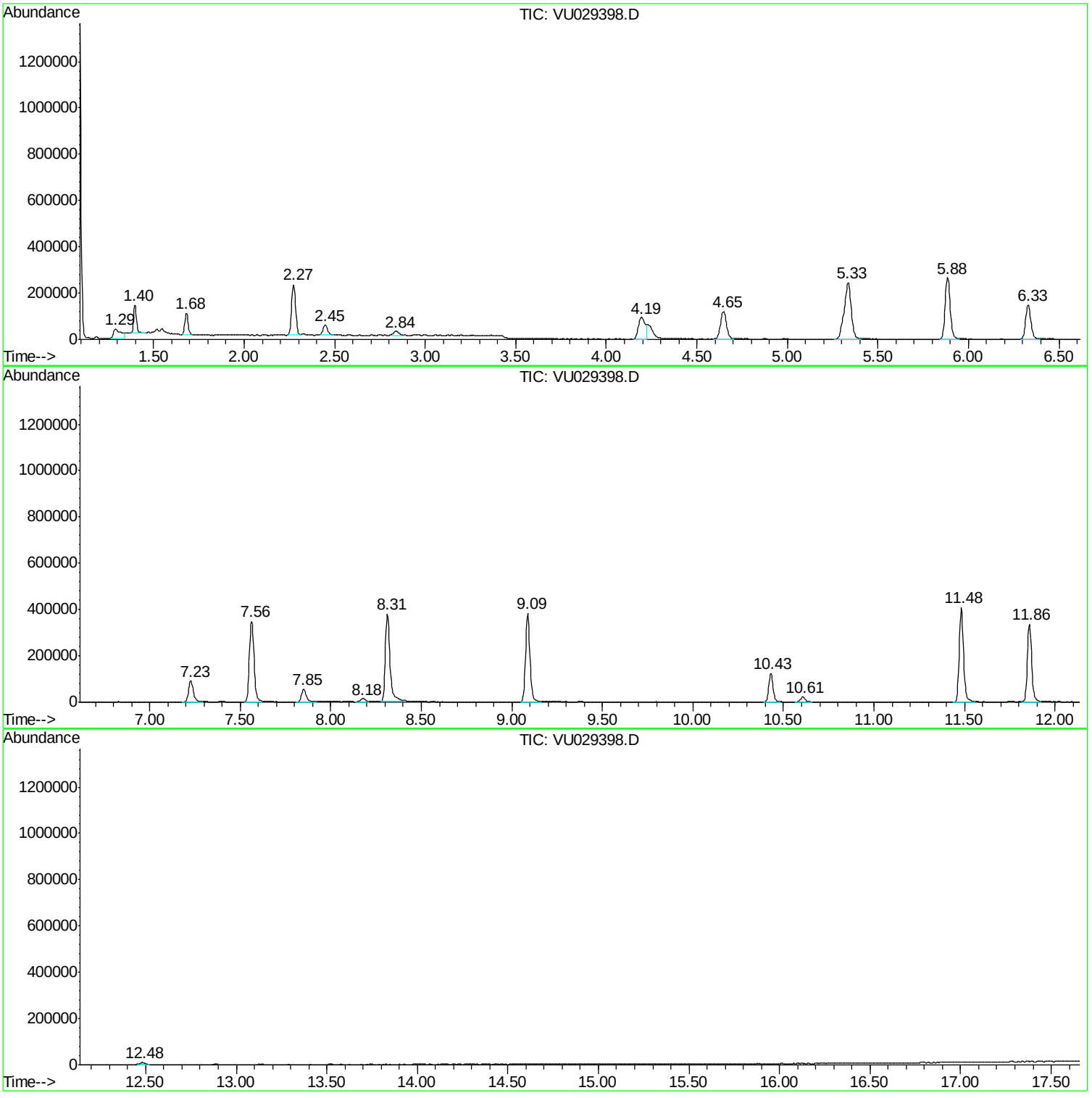
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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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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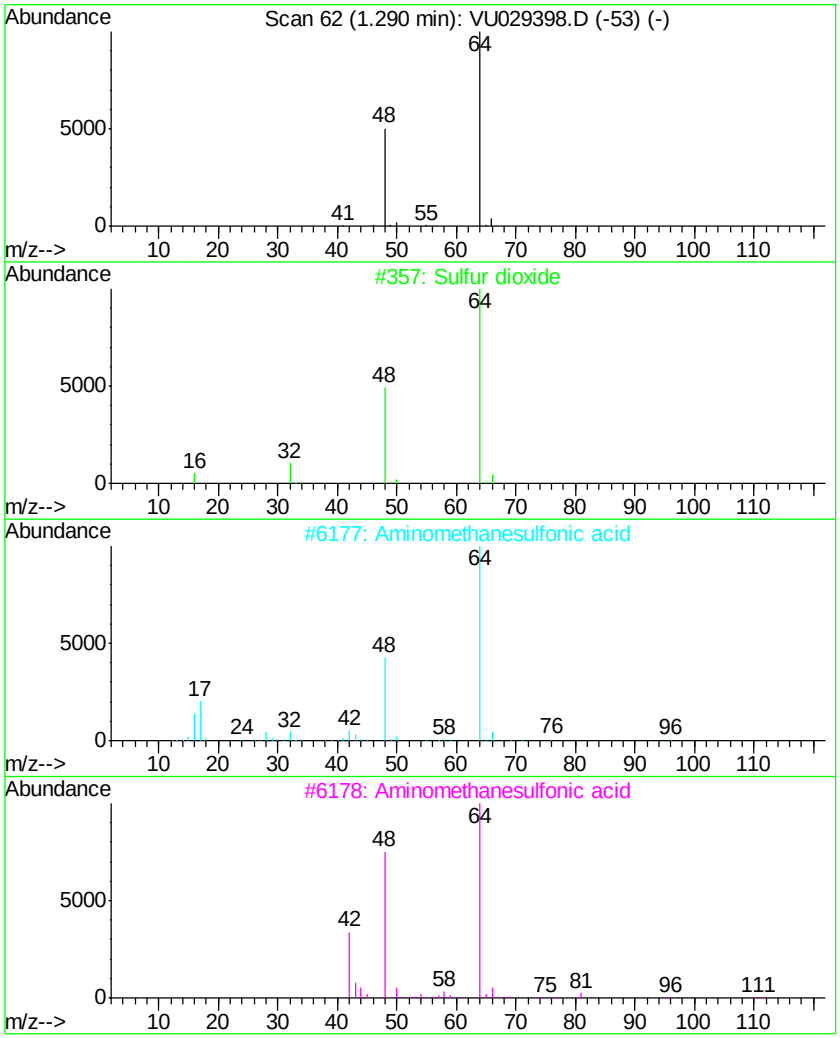
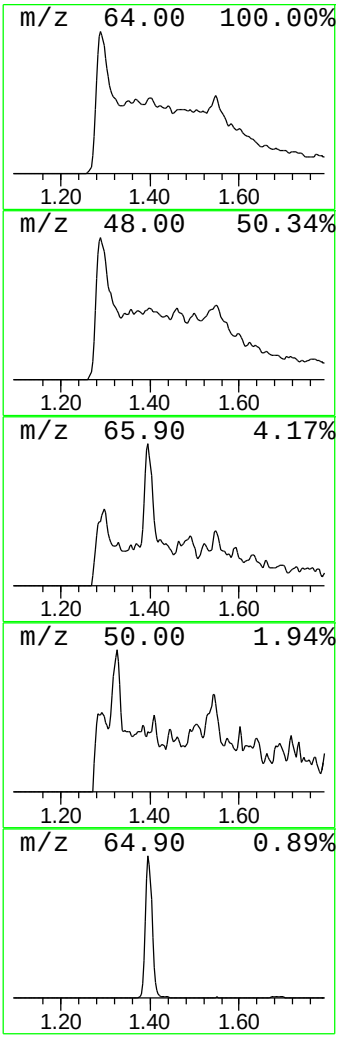
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.29	1.05 ug/L	110522	1,4-Difluorobenzene	5.88

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	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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Instrument : MSVOA_U
ClientSampleId : C0JJ7

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

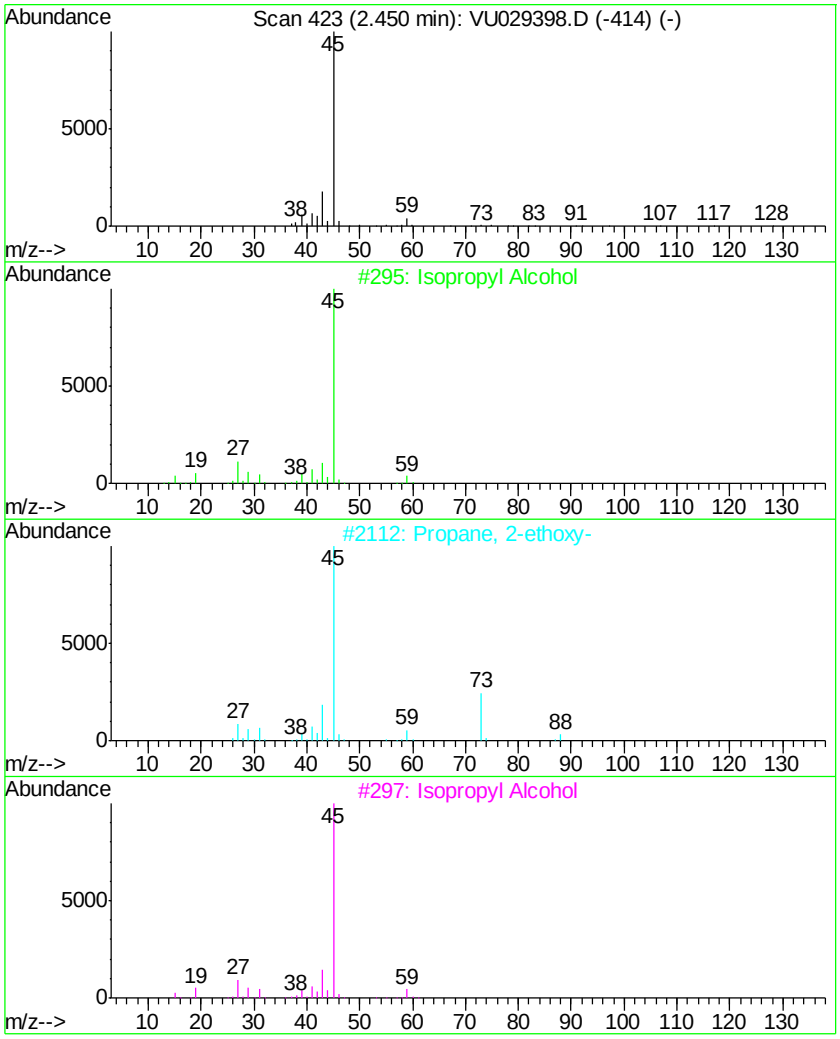
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

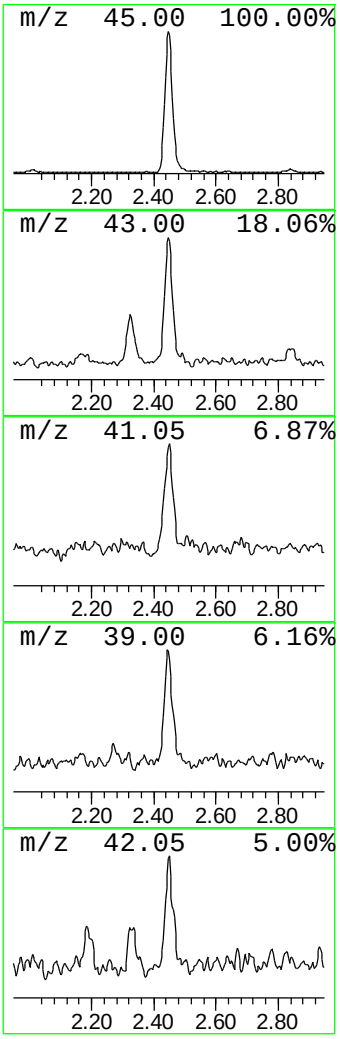
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	0.66 ug/L	69973	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Tentatively Identified Compound (LSC) summary

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ClientSampleId : C0JJ7

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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	1.29	1.1	ug/L	110522	1	5.88	526441	5.0
Isopropyl Alcohol	2.45	0.7	ug/L	69973	1	5.88	526441	5.0