LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029467.D
Acq On : 14 Feb 2019 19:55
Operator : JC/SP
Sample : K1438-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXB9

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\SOMUTR021219WMA.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	1.183	18	29	32	rBV2	14547	19513	2.90%	0.340%
2	1.322	56	72	89	rBV2	148830	672217	100.00%	11.704%
3	1.396	91	95	102	rVB	85108	101408	15.09%	1.766%
4	1.679	178	183	205	rVB	76049	110321	16.41%	1.921%
5	2.273	359	368	379	rBV	142355	208998	31.09%	3.639%
6	2.447	416	422	439	rVB3	28858	52979	7.88%	0.922%
7	4.193	951	965	1000	rBV	86180	230263	34.25%	4.009%
8	4.646	1087	1106	1126	rBV	93944	218555	32.51%	3.805%
9	5.334	1298	1320	1349	rBV2	185306	516494	76.83%	8.992%
10	5.884	1477	1491	1513	rBV	211034	414879	61.72%	7.223%
11	6.331	1615	1630	1649	rBV	116722	237469	35.33%	4.134%
12	7.228	1897	1909	1927	rBV	62423	115885	17.24%	2.018%
13	7.395	1951	1961	1973	rBV5	8650	16969	2.52%	0.295%
14	7.563	1999	2013	2030	rBV	251352	438052	65.17%	7.627%
15	7.849	2092	2102	2116	rBV	36332	63752	9.48%	1.110%
16	8.312	2235	2246	2275	rBV	365098	638987	95.06%	11.125%
17	9.087	2474	2487	2513	rBV	301792	508157	75.59%	8.847%
18	10.431	2893	2905	2921	rBV	106752	170854	25.42%	2.975%
19	10.608	2948	2960	2966	rBV3	7202	13156	1.96%	0.229%
20	11.482	3221	3232	3257	rBV	314940	518208	77.09%	9.022%
21	11.749	3303	3315	3336	rBV3	16964	35925	5.34%	0.625%
22	11.858	3336	3349	3371	rVV	268475	440595	65.54%	7.671%

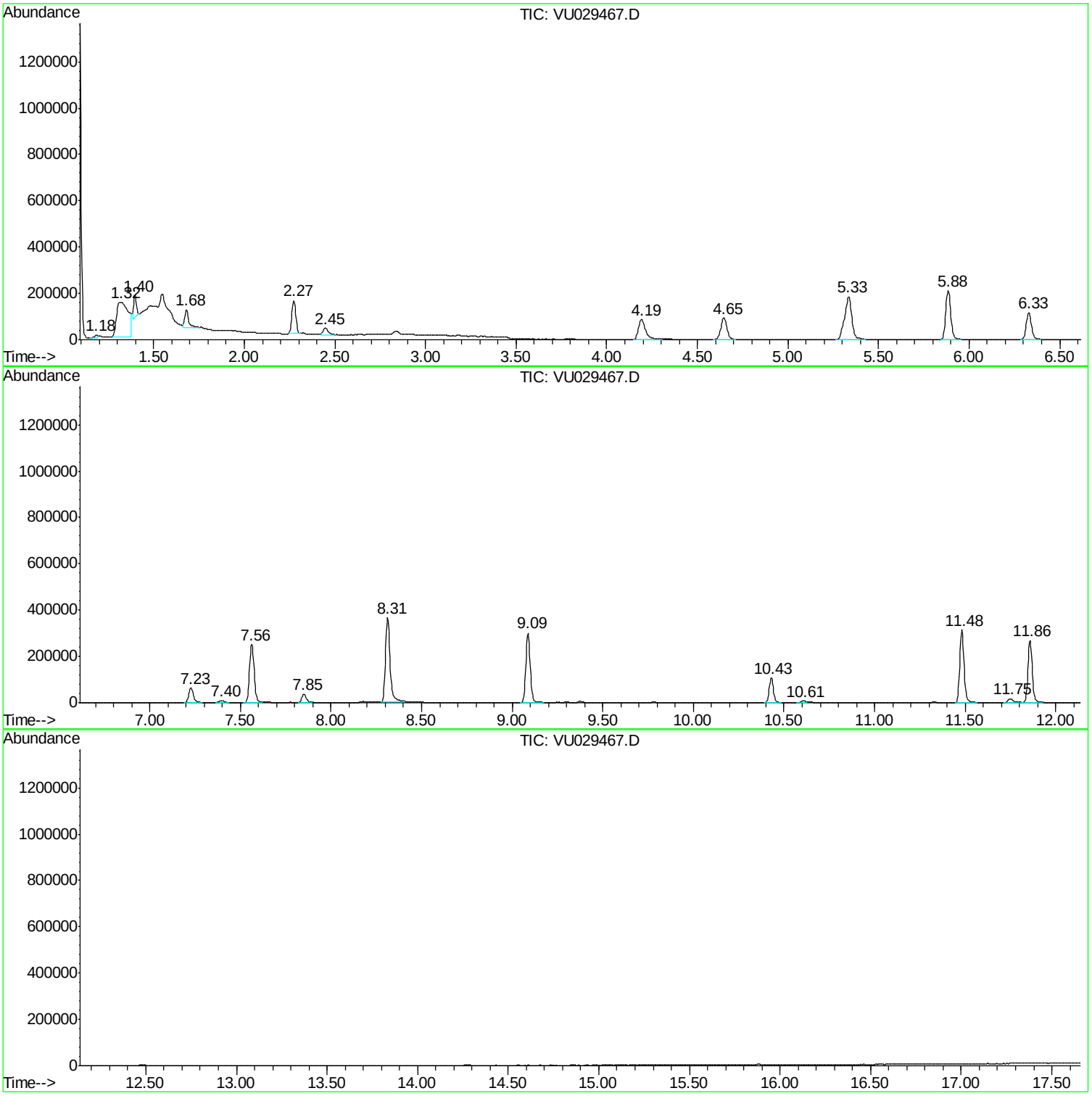
Sum of corrected areas: 5743636

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029467.D
Acq On : 14 Feb 2019 19:55
Operator : JC/SP
Sample : K1438-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.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_U\DATA\VU021419\
Data File : VU029467.D
Acq On : 14 Feb 2019 19:55
Operator : JC/SP
Sample : K1438-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0

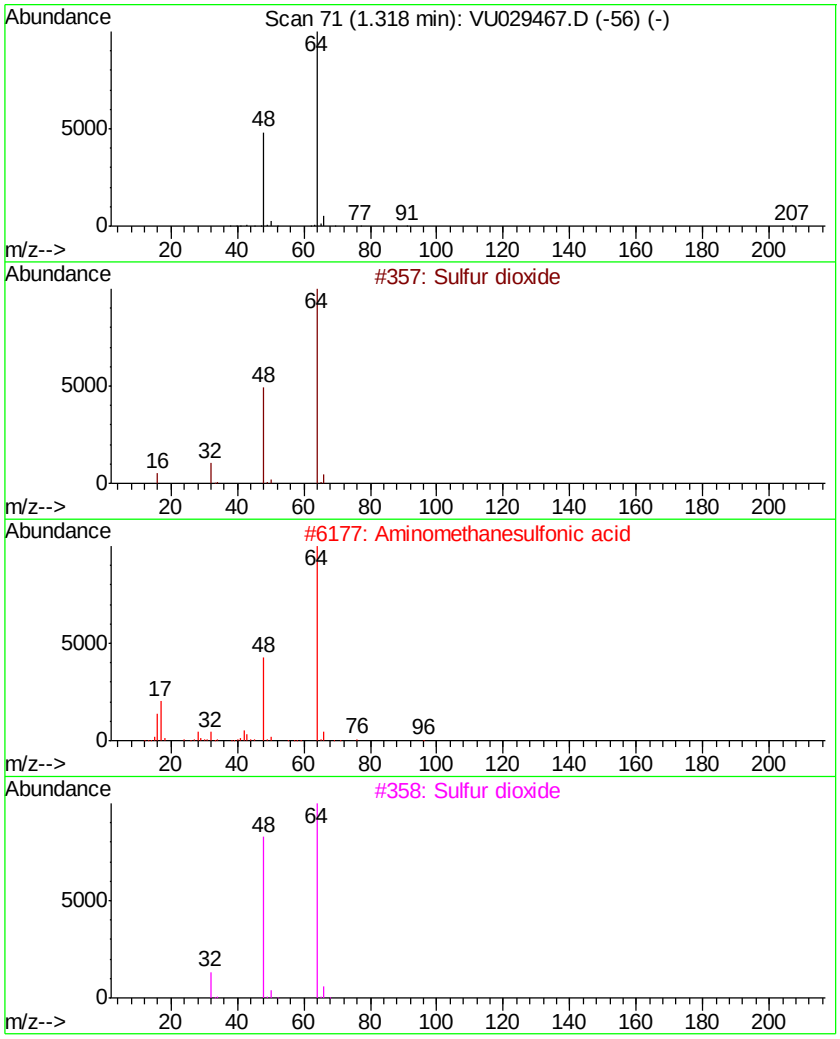
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

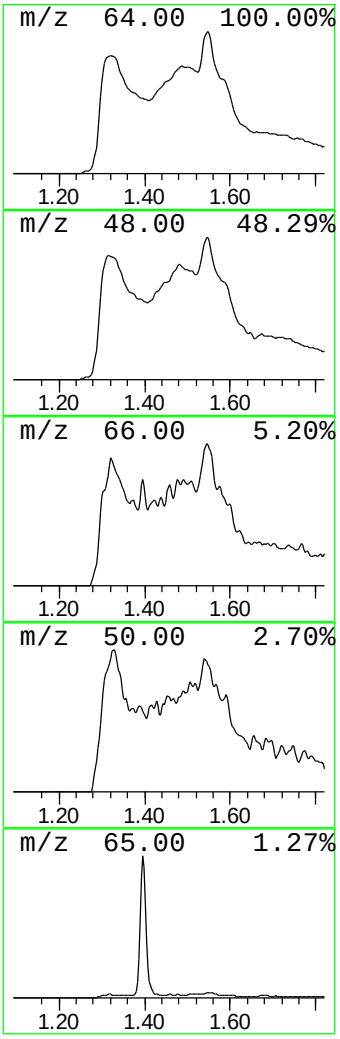
****

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.32	8.10 ug/L	672217	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	Sulfur dioxide	64	O2S	007446-09-5	9
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029467.D
Acq On : 14 Feb 2019 19:55
Operator : JC/SP
Sample : K1438-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0

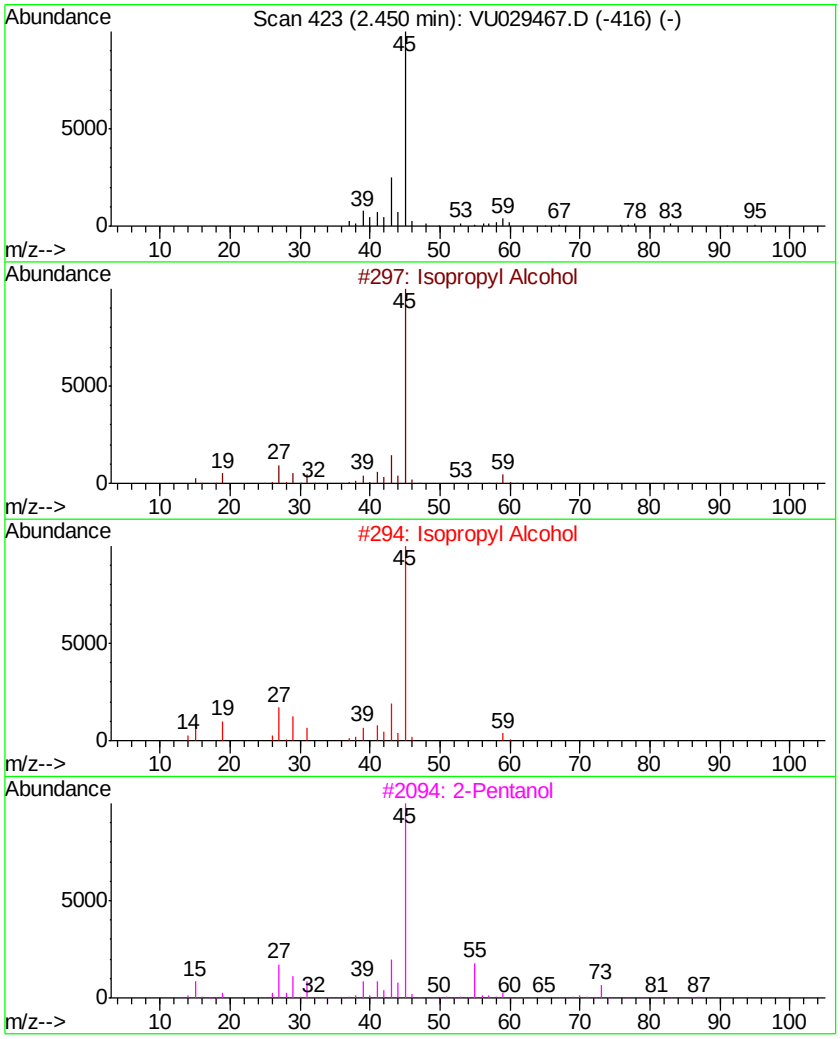
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

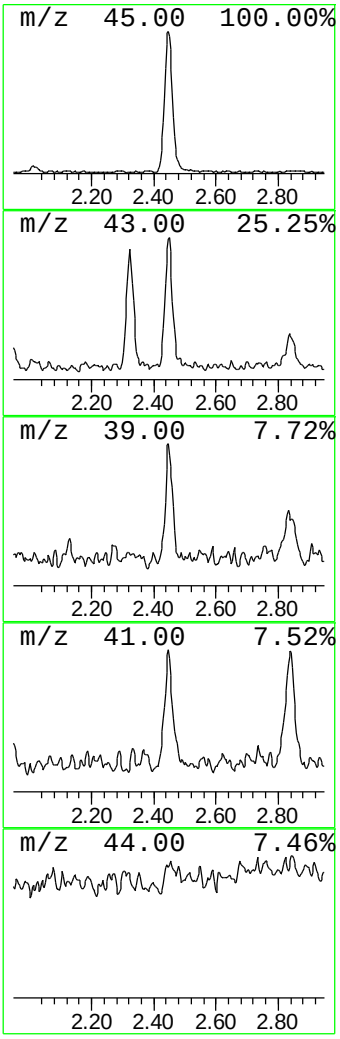
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	0.64 ug/L	52979	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	2-Pentanol	88	C5H12O	006032-29-7	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029467.D
Acq On : 14 Feb 2019 19:55
Operator : JC/SP
Sample : K1438-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.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	1.32	8.1	ug/L	672217	1	5.88	414879	5.0
Isopropyl Alcohol	2.45	0.6	ug/L	52979	1	5.88	414879	5.0