LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102519\
Data File : VU035504.D
Acq On : 25 Oct 2019 22:29
Operator : JC/SP
Sample : K5554-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQ93

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\SOMUTR102519WMA.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	1.369	3	9	21	rVB	122710	127563	11.21%	1.420%
2	1.501	40	50	70	rBV	79151	244850	21.52%	2.726%
3	1.613	77	85	96	rVB2	224760	271109	23.83%	3.018%
4	1.932	176	184	200	rVB	149606	200637	17.63%	2.234%
5	2.176	256	260	269	rVB3	12952	15218	1.34%	0.169%
6	2.224	270	275	284	rVB3	11968	16978	1.49%	0.189%
7	2.594	379	390	408	rVB	268023	436206	38.34%	4.856%
8	4.707	1030	1047	1068	rBV	177678	458623	40.31%	5.106%
9	4.880	1091	1101	1115	rVB2	10670	23108	2.03%	0.257%
10	5.115	1157	1174	1203	rBV	220497	487517	42.85%	5.428%
11	5.771	1355	1378	1410	rBV2	453822	1137778	100.00%	12.667%
12	6.292	1527	1540	1567	rBV	239534	468272	41.16%	5.213%
13	6.584	1620	1631	1645	rVB4	8413	15907	1.40%	0.177%
14	6.735	1662	1678	1700	rBV	277384	553164	48.62%	6.158%
15	7.607	1932	1949	1971	rBV	119123	228491	20.08%	2.544%
16	7.935	2036	2051	2067	rBV	480350	862837	75.84%	9.606%
17	8.218	2125	2139	2157	rBV	75006	141397	12.43%	1.574%
18	8.584	2243	2253	2270	rVB2	28776	50333	4.42%	0.560%
19	8.684	2270	2284	2334	rBV	416163	1134080	99.67%	12.626%
20	9.449	2509	2522	2552	rBV	358201	655039	57.57%	7.293%
21	10.787	2925	2938	2961	rBV	199227	343913	30.23%	3.829%
22	11.841	3254	3266	3285	rBV	258251	494425	43.46%	5.504%
23	12.221	3369	3384	3401	rBV	339228	614821	54.04%	6.845%

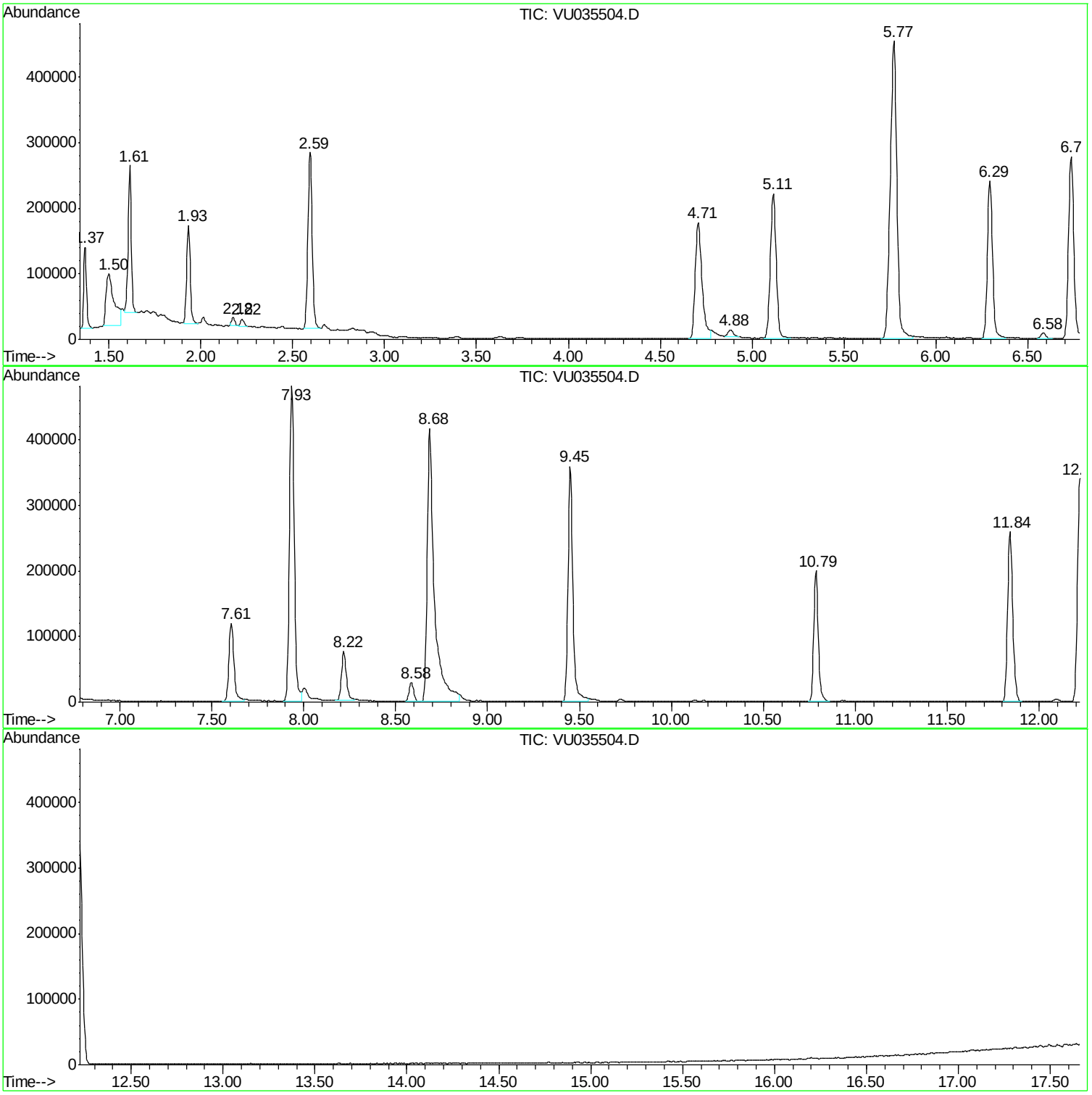
Sum of corrected areas: 8982266

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102519\
Data File : VU035504.D
Acq On : 25 Oct 2019 22:29
Operator : JC/SP
Sample : K5554-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQ93

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.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\VU102519\
Data File : VU035504.D
Acq On : 25 Oct 2019 22:29
Operator : JC/SP
Sample : K5554-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQ93

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0

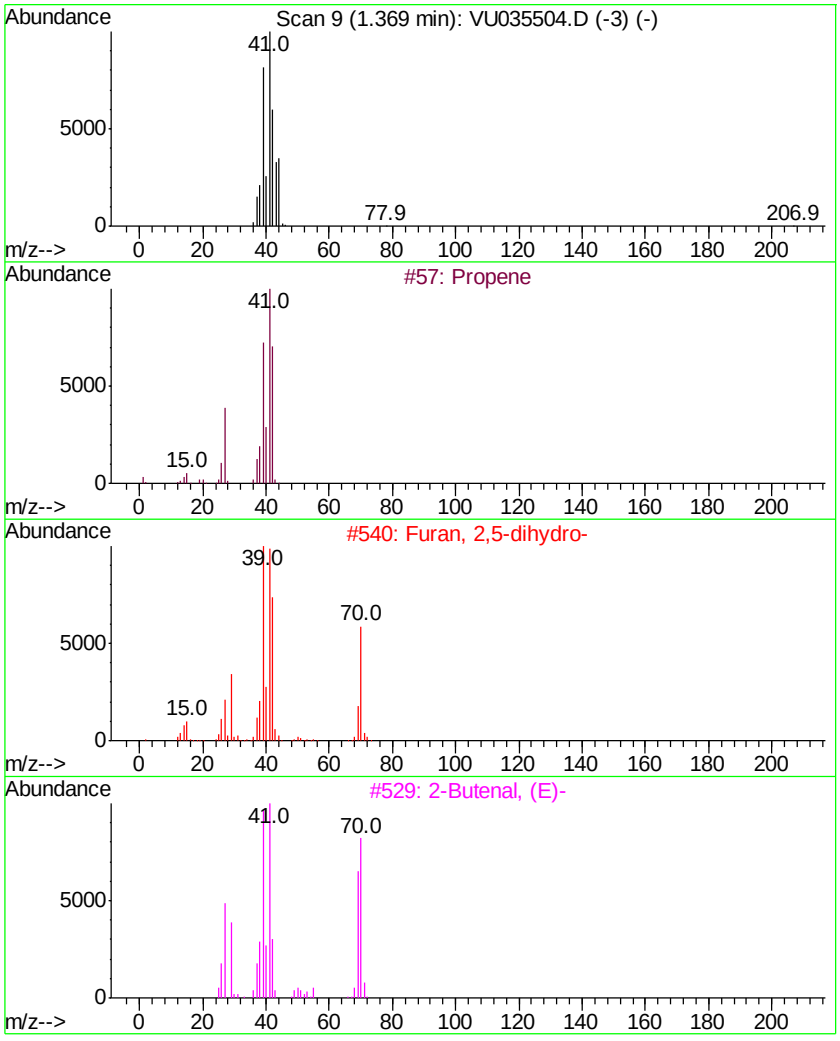
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

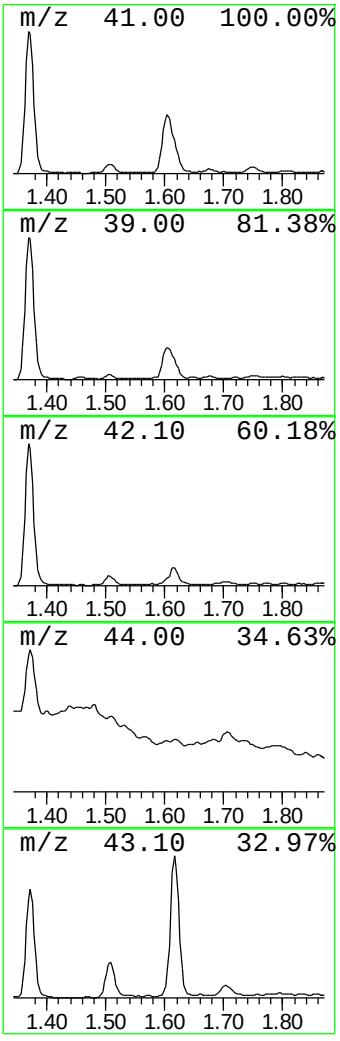
****

Peak Number 1 (DEL) Alkane: Cyclic1.37 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	1.36 ug/L	127563	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4	2-Butenal	70	C4H6O	004170-30-3	43
5	Propene	42	C3H6	000115-07-1	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102519\
Data File : VU035504.D
Acq On : 25 Oct 2019 22:29
Operator : JC/SP
Sample : K5554-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQ93

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0

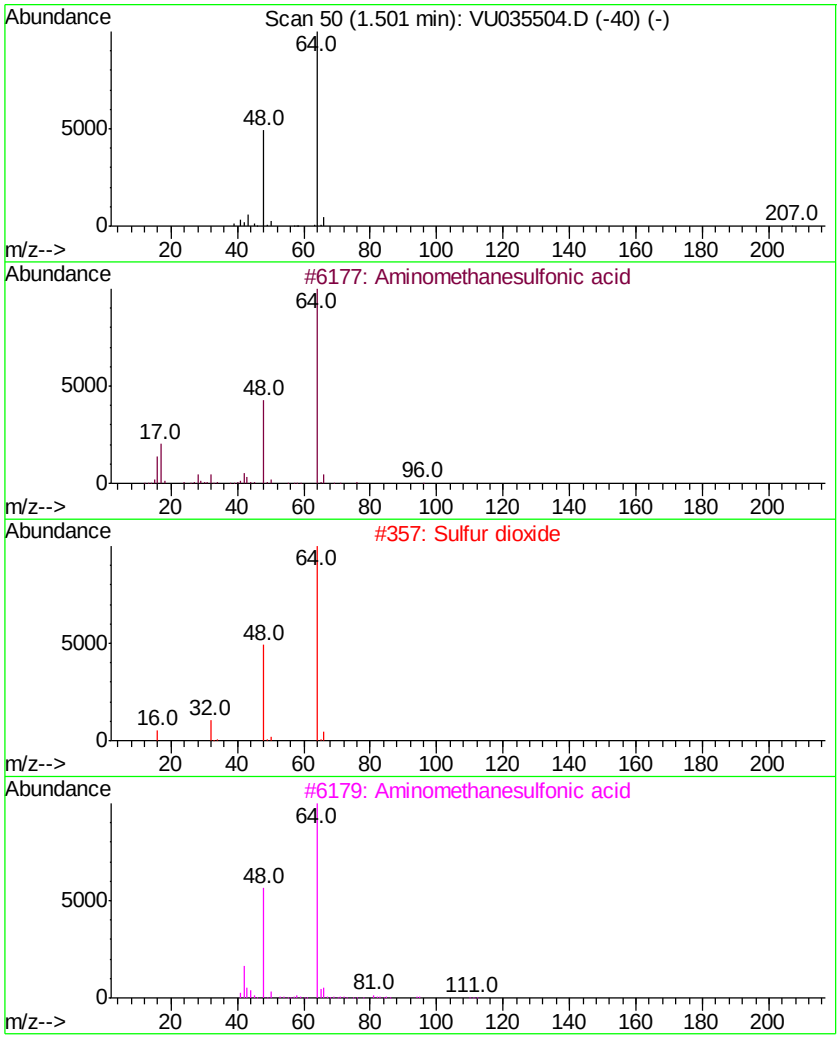
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

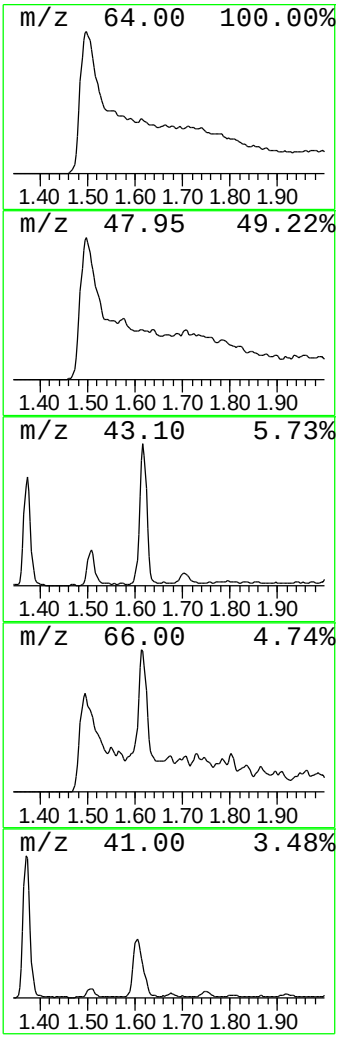
****

Peak Number 2 Aminomethanesulfonic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	2.61 ug/L	244850	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102519\
Data File : VU035504.D
Acq On : 25 Oct 2019 22:29
Operator : JC/SP
Sample : K5554-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQ93

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.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
(DEL) Alkane: Cyc...	1.37	1.4	ug/L	127563	1	6.29	468272	5.0
Aminomethanesulfo...	1.50	2.6	ug/L	244850	1	6.29	468272	5.0