LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
Data File : VU039303.D
Acq On : 06 Jul 2020 19:52
Operator : SY/MD
Sample : L3193-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4286

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\SOMUTR070620WMA.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	1.498	36	49	69	rBV3	61623	230075	30.03%	4.206%
2	1.610	76	84	95	rBV2	234599	278738	36.38%	5.095%
3	1.922	175	181	197	rVB	59350	81718	10.67%	1.494%
4	2.581	374	386	399	rBV	107666	175260	22.88%	3.204%
5	3.379	617	634	661	rBV4	137188	339270	44.28%	6.202%
6	3.887	779	792	805	rBV2	7019	17016	2.22%	0.311%
7	4.552	983	999	1016	rBB4	13774	34313	4.48%	0.627%
8	4.665	1016	1034	1080	rBV2	85278	338213	44.14%	6.183%
9	5.086	1148	1165	1186	rBV2	97434	218148	28.47%	3.988%
10	5.742	1348	1369	1397	rBV2	199148	533975	69.70%	9.761%
11	6.263	1517	1531	1547	rBV	144723	276858	36.14%	5.061%
12	6.707	1654	1669	1689	rBV	127024	245248	32.01%	4.483%
13	7.575	1926	1939	1958	rBV	72008	127875	16.69%	2.338%
14	7.906	2029	2042	2056	rBV	244990	425373	55.52%	7.776%
15	7.977	2056	2064	2076	rVB	7348	13228	1.73%	0.242%
16	8.189	2117	2130	2143	rBV2	46859	79990	10.44%	1.462%
17	8.642	2254	2271	2309	rBV	403842	766147	100.00%	14.005%
18	9.420	2498	2513	2531	rBV	210990	350667	45.77%	6.410%
19	10.758	2915	2929	2942	rBV	109917	179977	23.49%	3.290%
20	11.809	3240	3256	3271	rBV	216103	349967	45.68%	6.398%
21	12.189	3360	3374	3388	rVB	247814	408281	53.29%	7.464%

Sum of corrected areas: 5470337

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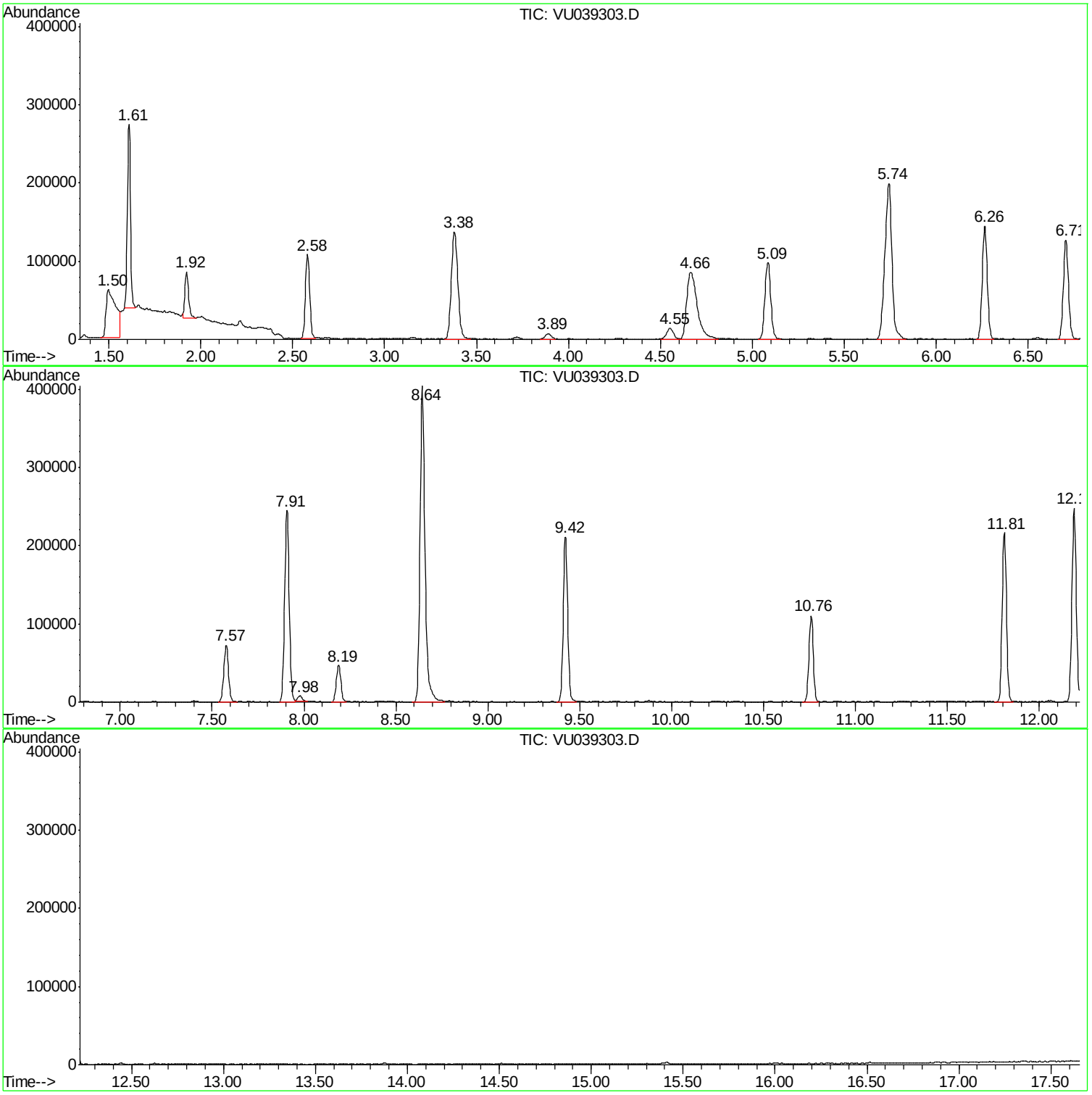
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Quant Title : TRACE VOA SOM01.0

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

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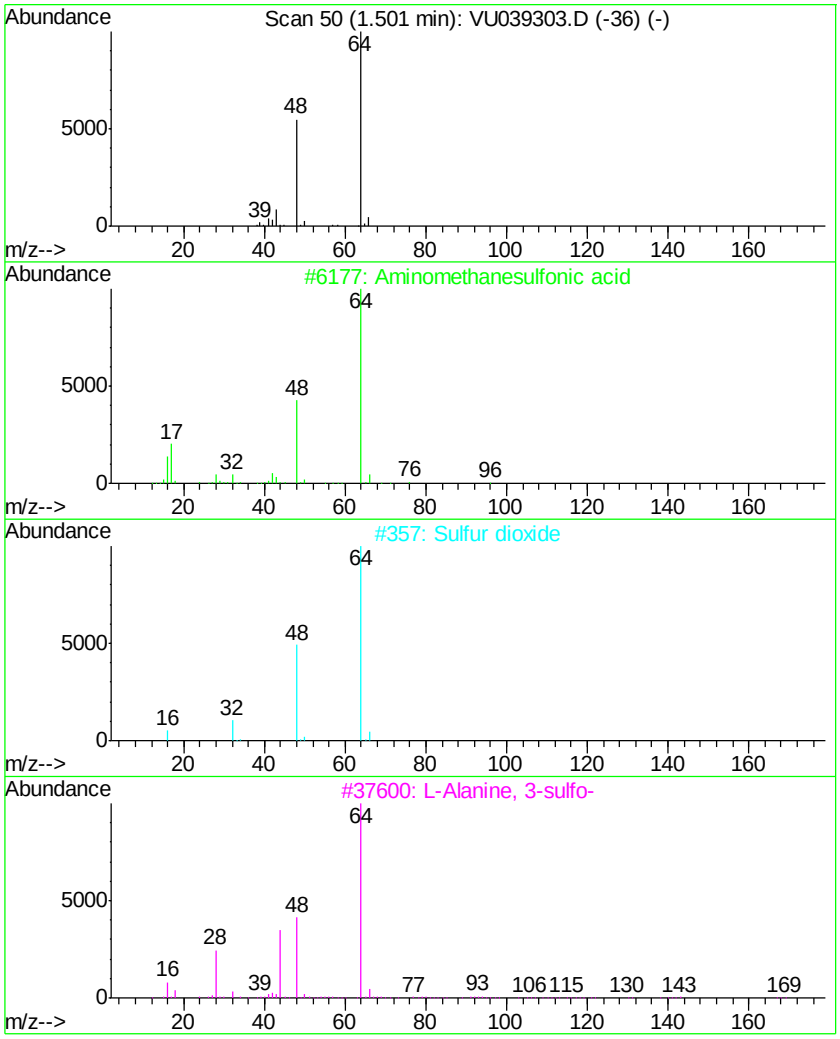
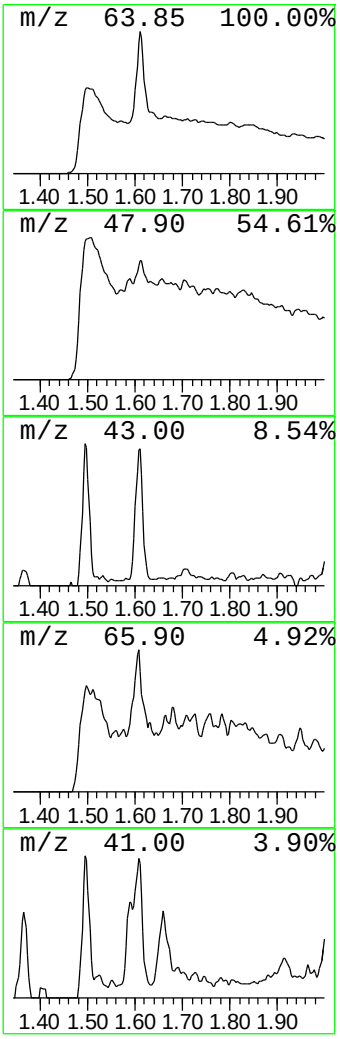
Peak Number 1 Aminomethanesulfonic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	4.16 ug/L	230075	1,4-Difluorobenzene	6.26

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	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	64
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Library Search Compound Report

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ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4286

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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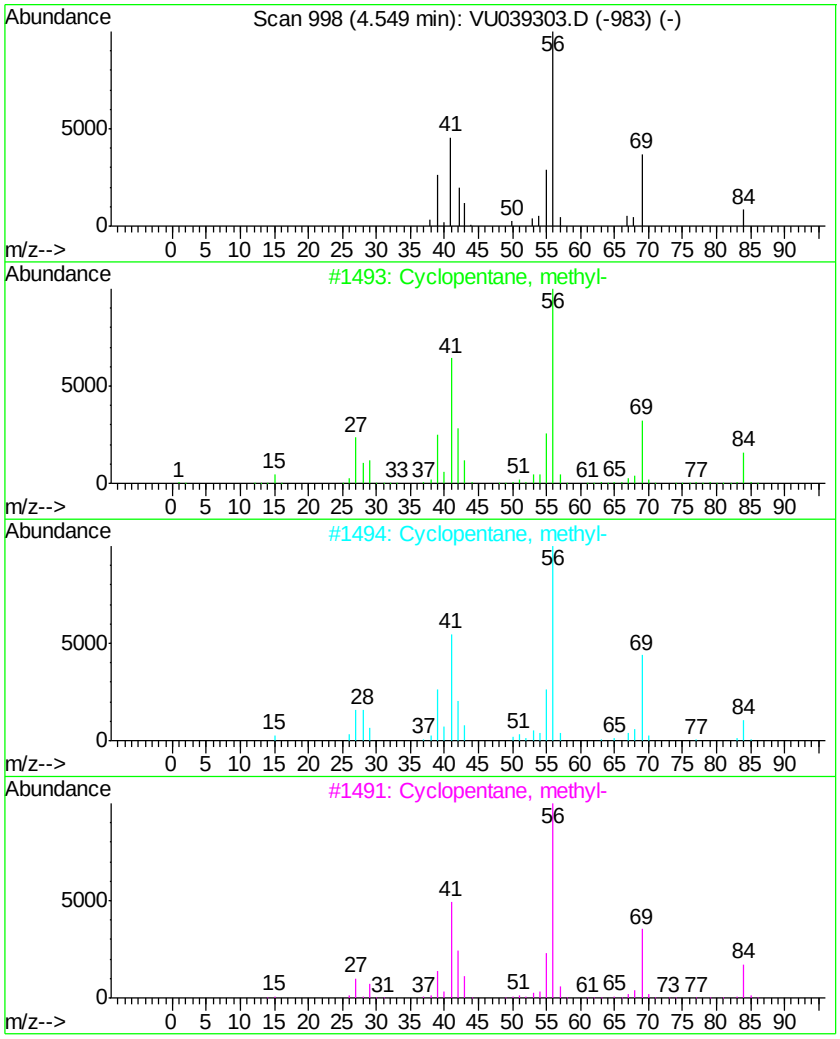
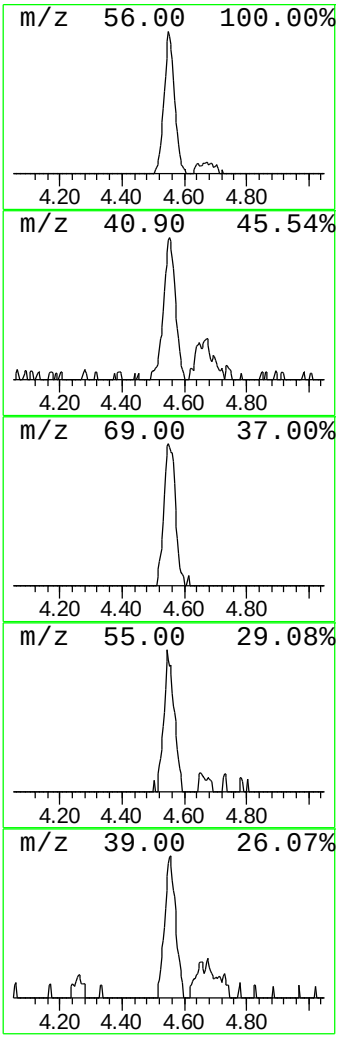
Peak Number 2 (DEL) Alkane: Cyclic4.55 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	0.62 ug/L	34313	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72





Tentatively Identified Compound (LSC) summary

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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
Aminomethanesulfo...	1.50	4.2	ug/L	230075	1	6.26	276858	5.0
(DEL) Alkane: Cyc...	4.55	0.6	ug/L	34313	1	6.26	276858	5.0