LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\
Data File : VV013287.D
Acq On : 22 Oct 2019 19:07
Operator : SY/MD
Sample : K5404-01
Misc : 25.00ML/MSVOA V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA5

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_V\METHOD\SOMVTR102119WMA.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	1.222	32	41	60	rBV2	108820	224351	11.70%	1.437%
2	1.319	64	71	89	rVB	284026	308171	16.07%	1.974%
3	1.582	146	153	164	rVB	229236	259910	13.55%	1.665%
4	2.132	314	324	335	rBV	432198	610854	31.85%	3.913%
5	2.190	335	342	351	rVB	41590	58109	3.03%	0.372%
6	2.312	374	380	405	rVB3	31292	79638	4.15%	0.510%
7	3.933	871	884	928	rBV2	235513	784586	40.91%	5.025%
8	4.399	1010	1029	1057	rBV	360235	875136	45.63%	5.605%
9	5.097	1226	1246	1277	rBV2	767383	1917818	100.00%	12.284%
10	5.662	1406	1422	1447	rBV	501366	1004857	52.40%	6.436%
11	6.116	1548	1563	1588	rBV	450310	908999	47.40%	5.822%
12	7.029	1835	1847	1865	rBV	193571	358883	18.71%	2.299%
13	7.357	1935	1949	1967	rBV	869423	1490977	77.74%	9.550%
14	7.662	2032	2044	2061	rBV2	117156	210032	10.95%	1.345%
15	8.132	2177	2190	2229	rBV2	765877	1628251	84.90%	10.429%
16	8.894	2415	2427	2448	rBV	827352	1367746	71.32%	8.761%
17	10.257	2837	2851	2869	rVB	324527	507919	26.48%	3.253%
18	10.421	2889	2902	2913	rVB2	22925	40665	2.12%	0.260%
19	11.289	3159	3172	3190	rBV	910545	1420561	74.07%	9.099%
20	11.579	3251	3262	3277	rBV2	63599	118640	6.19%	0.760%
21	11.665	3277	3289	3308	rVB	879504	1406470	73.34%	9.009%
22	12.392	3507	3515	3527	rBV10	16936	29899	1.56%	0.192%

Sum of corrected areas: 15612472

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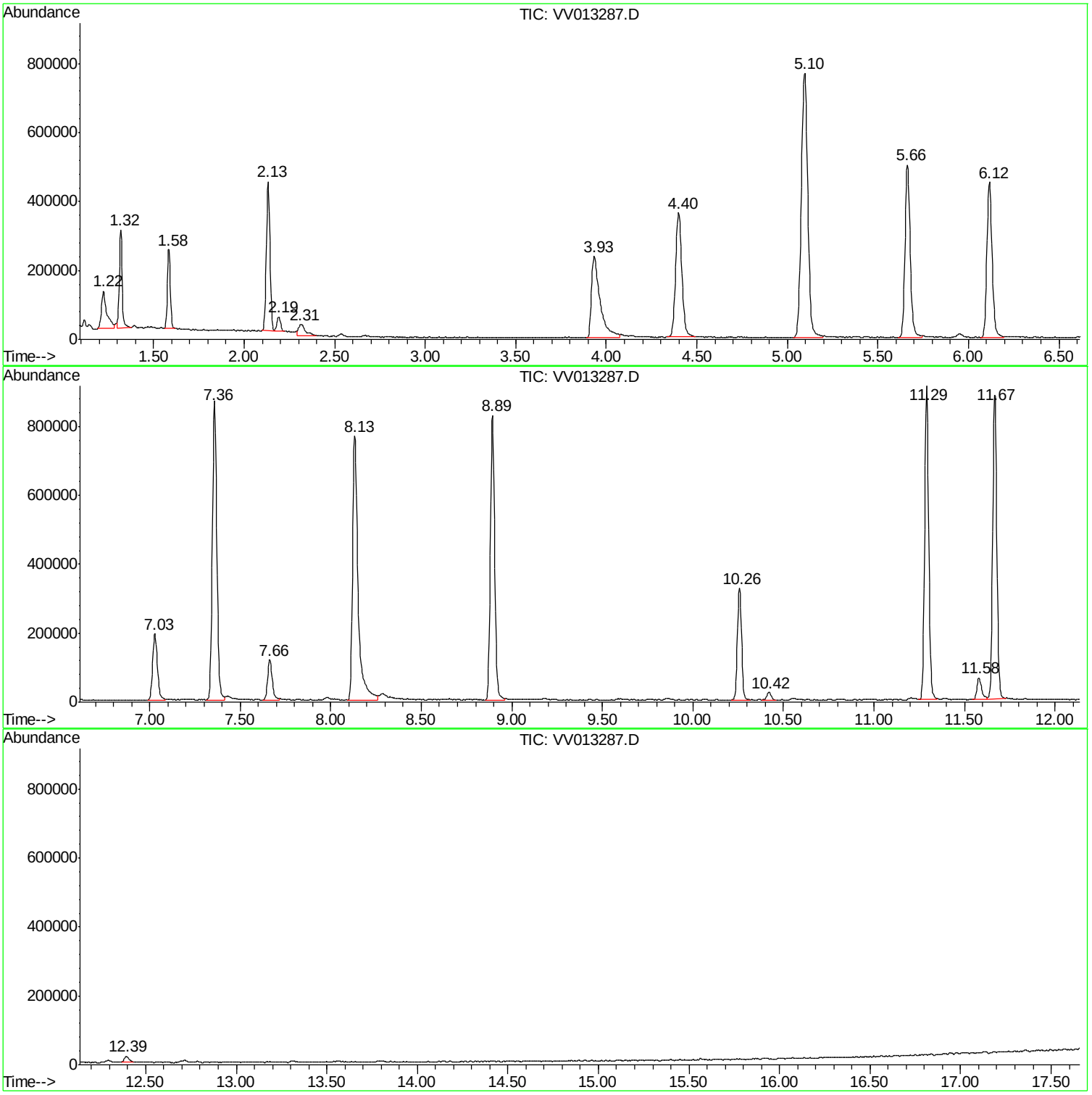
Instrument : MSVOA_V
ClientSampleId : C0AA5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0

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



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

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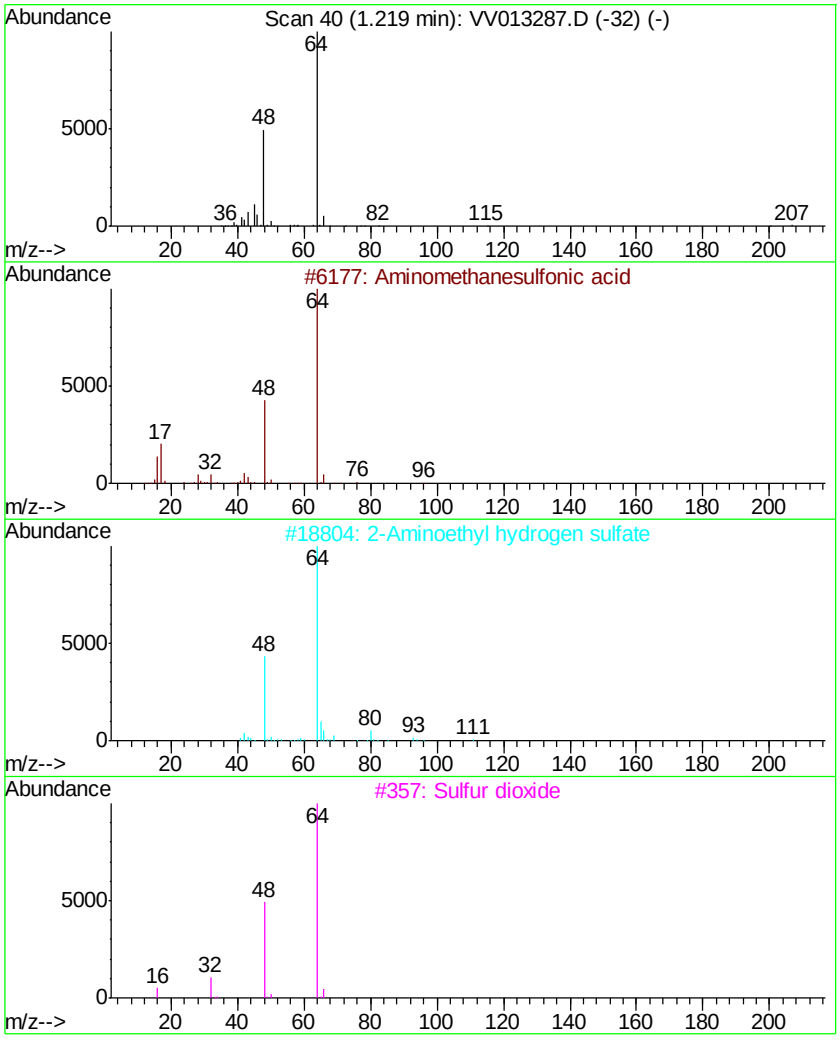
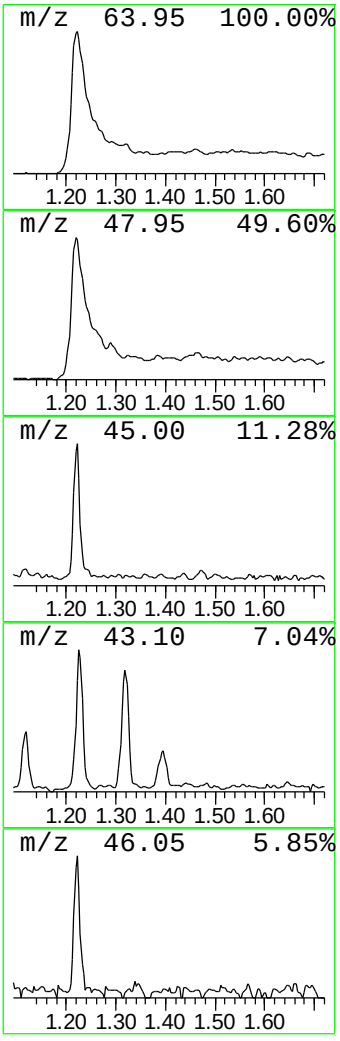
Peak Number 1 Aminomethanesulfonic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	1.12 ug/L	224351	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
2	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	83
3	Sulfur dioxide	64	O2S	007446-09-5	78
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	64
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64





Library Search Compound Report

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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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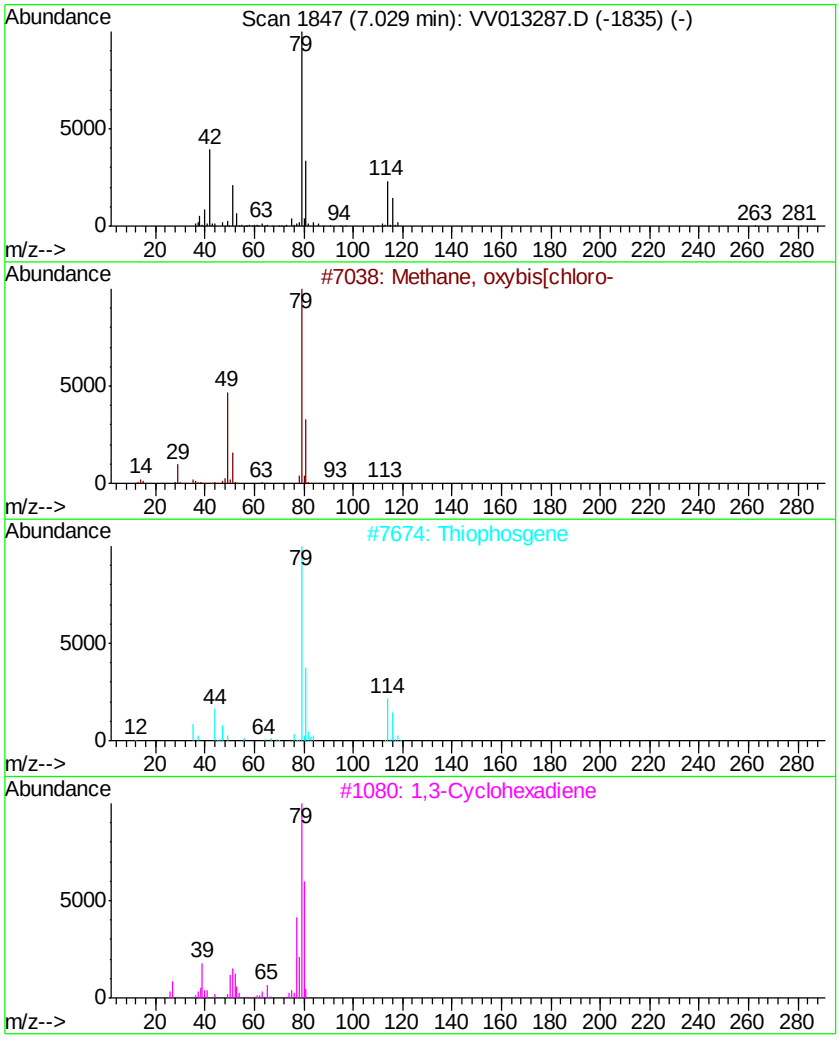
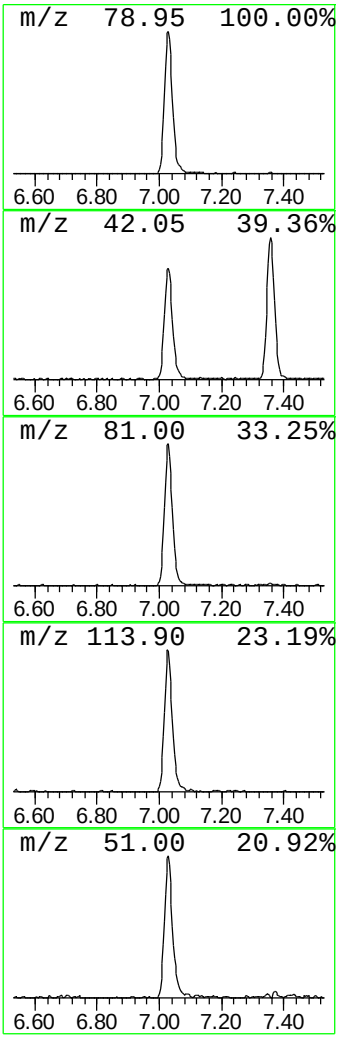
Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	1.79 ug/L	358883	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	37
2	Thiophosgene	114	CCl2S	000463-71-8	37
3	1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
4	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23
5	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9





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...	1.22	1.1	ug/L	224351	1	5.66	1004860	5.0
unknown-01	7.03	1.8	ug/L	358883	1	5.66	1004860	5.0