LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040169.D
Acq On : 17 Sep 2020 00:15
Operator : SY/MD
Sample : L4046-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P5

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\SOMUTR083120WMA.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	1.604	74	82	91	rVB	43628	51718	11.98%	1.384%
2	1.748	105	127	128	rBV	44972	122475	28.37%	3.279%
3	1.922	177	181	194	rVB	40897	53480	12.39%	1.432%
4	2.581	374	386	398	rBV	73256	119423	27.67%	3.197%
5	3.382	621	635	652	rVB2	14685	34552	8.00%	0.925%
6	4.015	817	832	850	rBV3	13928	37027	8.58%	0.991%
7	4.662	1016	1033	1075	rBV	50068	179593	41.60%	4.808%
8	5.086	1149	1165	1183	rBV2	69914	156838	36.33%	4.199%
9	5.742	1348	1369	1377	rBV2	134464	352245	81.60%	9.429%
10	5.790	1378	1384	1403	rVB	111988	213404	49.44%	5.713%
11	6.263	1516	1531	1554	rBV	149267	280423	64.96%	7.507%
12	6.703	1653	1668	1685	rBV2	88227	171972	39.84%	4.604%
13	7.575	1927	1939	1955	rBV2	43413	76389	17.70%	2.045%
14	7.906	2028	2042	2058	rBV	151836	257492	59.65%	6.893%
15	8.186	2118	2129	2145	rBV	29057	47704	11.05%	1.277%
16	8.642	2257	2271	2296	rBV	229104	431663	100.00%	11.555%
17	9.420	2500	2513	2540	rBV	209169	398795	92.39%	10.676%
18	10.484	2833	2844	2854	rBV5	4836	8021	1.86%	0.215%
19	10.755	2913	2928	2943	rBV3	69370	111720	25.88%	2.991%
20	10.893	2962	2971	2981	rBV6	4946	7375	1.71%	0.197%
21	11.465	3137	3149	3154	rBV4	2895	4361	1.01%	0.117%
22	11.806	3244	3255	3272	rBV	206177	331991	76.91%	8.887%
23	11.886	3272	3280	3294	rVB4	4078	6092	1.41%	0.163%
24	12.089	3331	3343	3360	rVB3	11327	17667	4.09%	0.473%
25	12.189	3360	3374	3389	rBV	160923	263152	60.96%	7.044%

Sum of corrected areas: 3735572

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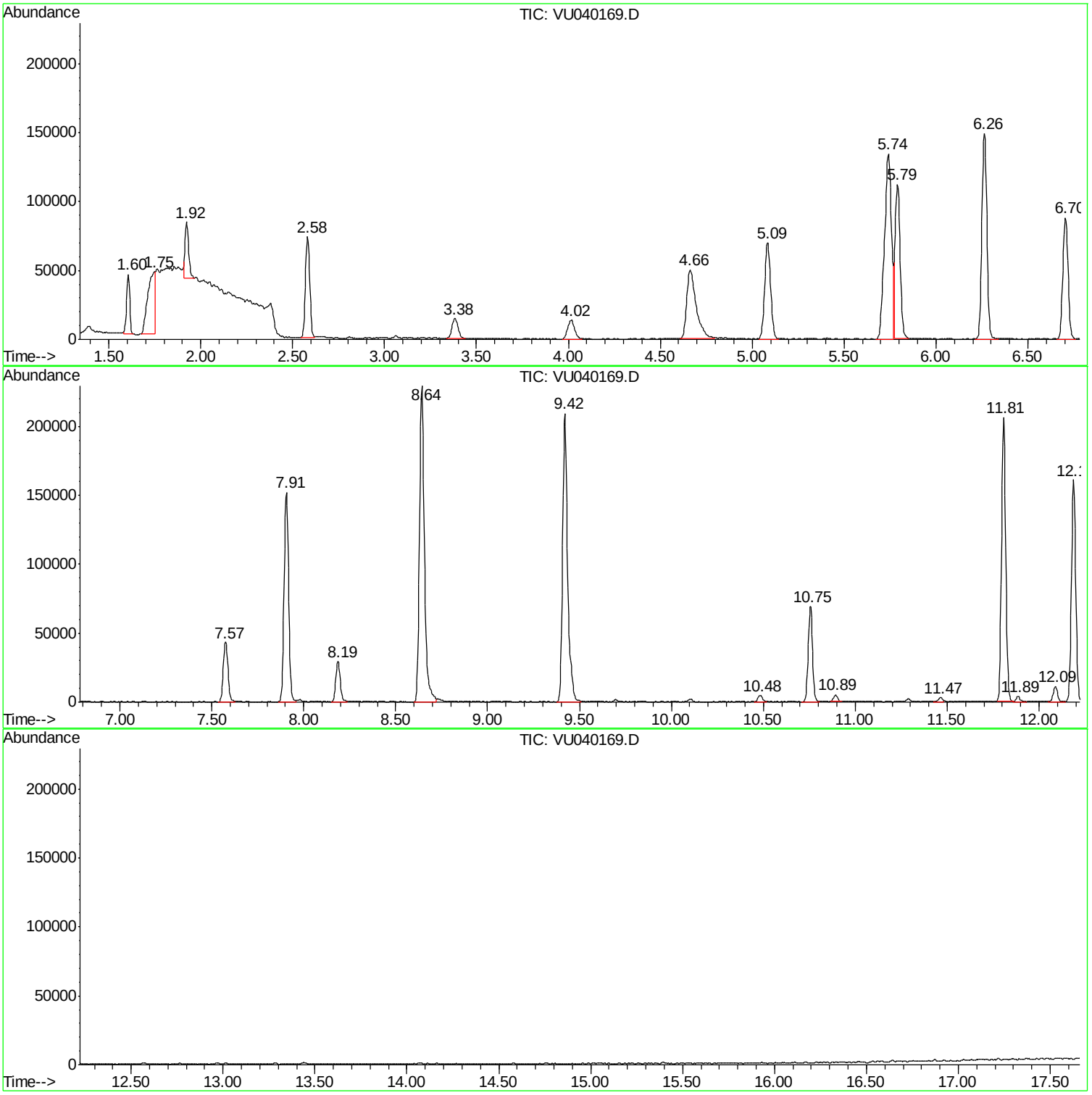
ClientSampleId :
BG0P5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.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 Title : TRACE VOA SOM01.0

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

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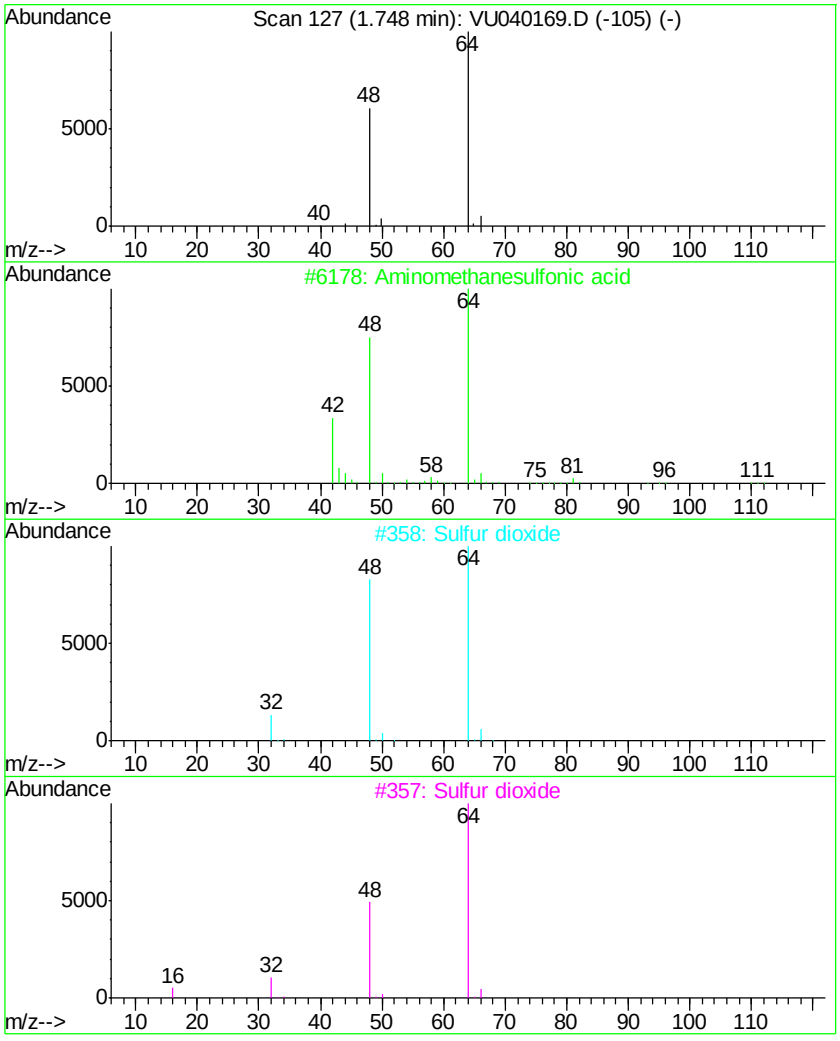
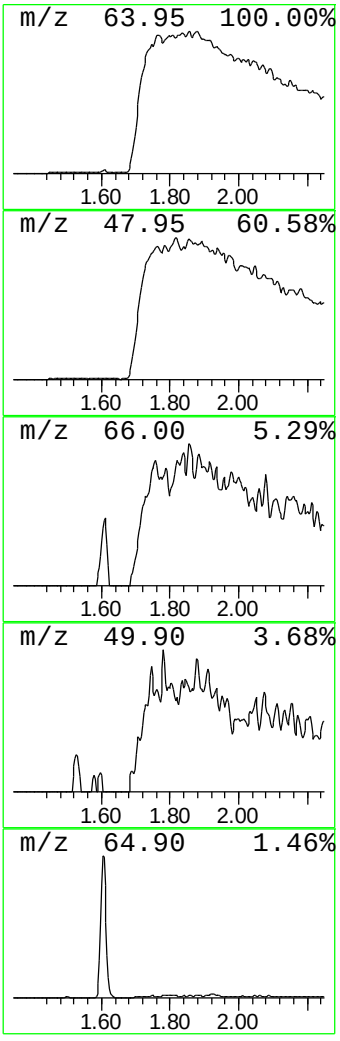
Peak Number 1 Aminomethanesulfonic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	2.18 ug/L	122475	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	Sulfur dioxide	64	O2S	007446-09-5	83
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9





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ClientSampleId : BG0P5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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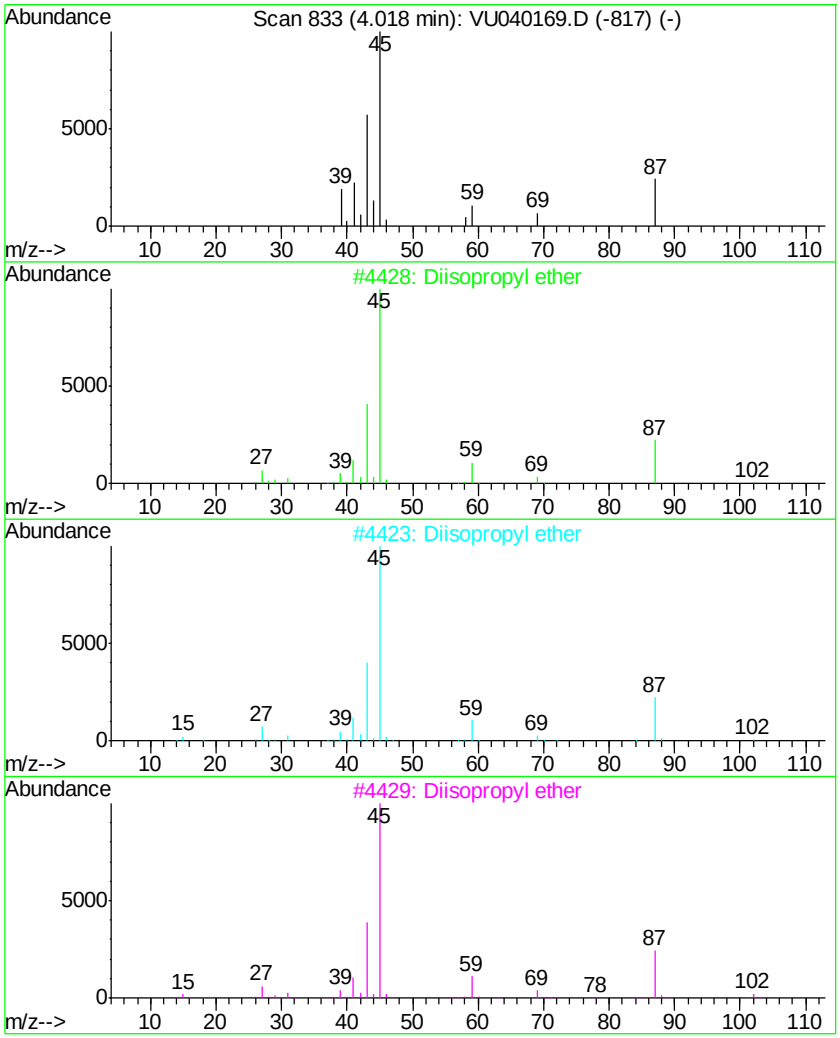
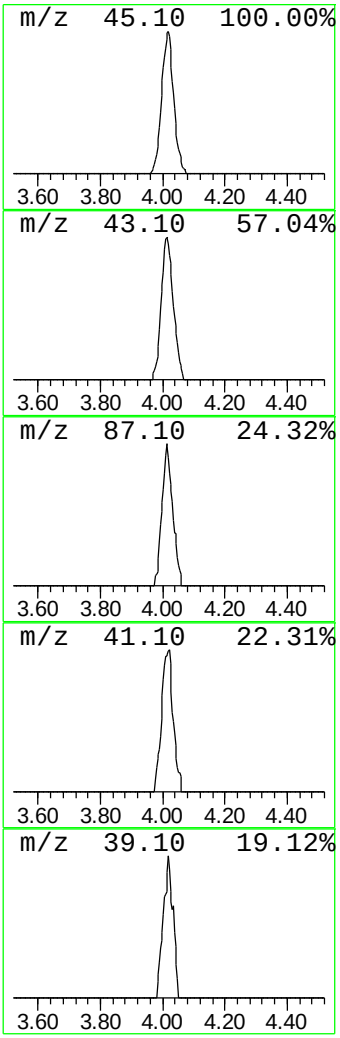
Peak Number 2 Diisopropyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	0.66 ug/L	37027	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	64
2	Diisopropyl ether	102	C6H14O	000108-20-3	43
3	Diisopropyl ether	102	C6H14O	000108-20-3	43
4	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	9
5	2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	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...	1.75	2.2	ug/L	122475	1	6.26	280423	5.0
Diisopropyl ether	4.02	0.7	ug/L	37027	1	6.26	280423	5.0