LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\
Data File : VV011704.D
Acq On : 22 Jun 2019 00:28
Operator : SY/MD
Sample : K3462-09
Misc : 25ML/MSVOA V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCP4

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\SOMVTR062119WMA.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	1.216	31	39	61	rBV	396631	817601	100.00%	13.057%
2	1.315	65	70	83	rVB	84890	107906	13.20%	1.723%
3	1.566	144	148	157	rVB	55836	65090	7.96%	1.039%
4	2.122	311	321	334	rVB	136337	195173	23.87%	3.117%
5	2.647	480	484	496	rVB	7922	13579	1.66%	0.217%
6	3.949	877	889	922	rBV2	96599	276146	33.78%	4.410%
7	4.399	1012	1029	1051	rBV	93575	244415	29.89%	3.903%
8	5.093	1229	1245	1278	rBV2	243366	620766	75.93%	9.914%
9	5.662	1409	1422	1440	rBV2	194688	393617	48.14%	6.286%
10	5.958	1504	1514	1528	rBV10	5922	12885	1.58%	0.206%
11	6.116	1549	1563	1586	rBV	139058	285046	34.86%	4.552%
12	7.029	1834	1847	1865	rBV2	57420	107749	13.18%	1.721%
13	7.357	1935	1949	1966	rBV	255374	450620	55.11%	7.196%
14	7.662	2034	2044	2063	rBV2	33170	58705	7.18%	0.938%
15	8.135	2176	2191	2221	rBV	357616	645281	78.92%	10.305%
16	8.894	2415	2427	2450	rBV	288283	515828	63.09%	8.238%
17	9.974	2755	2763	2771	rBV4	6272	9907	1.21%	0.158%
18	10.260	2839	2852	2867	rBV	104688	163478	19.99%	2.611%
19	10.415	2896	2900	2912	rVB7	5389	8237	1.01%	0.132%
20	10.907	3041	3053	3065	rVB7	7183	13014	1.59%	0.208%
21	11.141	3117	3126	3134	rBV7	6632	11445	1.40%	0.183%
22	11.296	3161	3174	3194	rBV	247399	425902	52.09%	6.802%
23	11.498	3232	3237	3246	rVB7	5870	8957	1.10%	0.143%
24	11.575	3249	3261	3276	rBV3	22364	42153	5.16%	0.673%
25	11.675	3279	3292	3313	rVV3	285949	676790	82.78%	10.808%
26	11.791	3317	3328	3335	rBV9	7893	12255	1.50%	0.196%
27	12.164	3436	3444	3453	rBV2	8904	14218	1.74%	0.227%
28	12.511	3544	3552	3562	rVB2	11933	17398	2.13%	0.278%
29	12.932	3672	3683	3695	rVB3	28886	47663	5.83%	0.761%

Sum of corrected areas: 6261824

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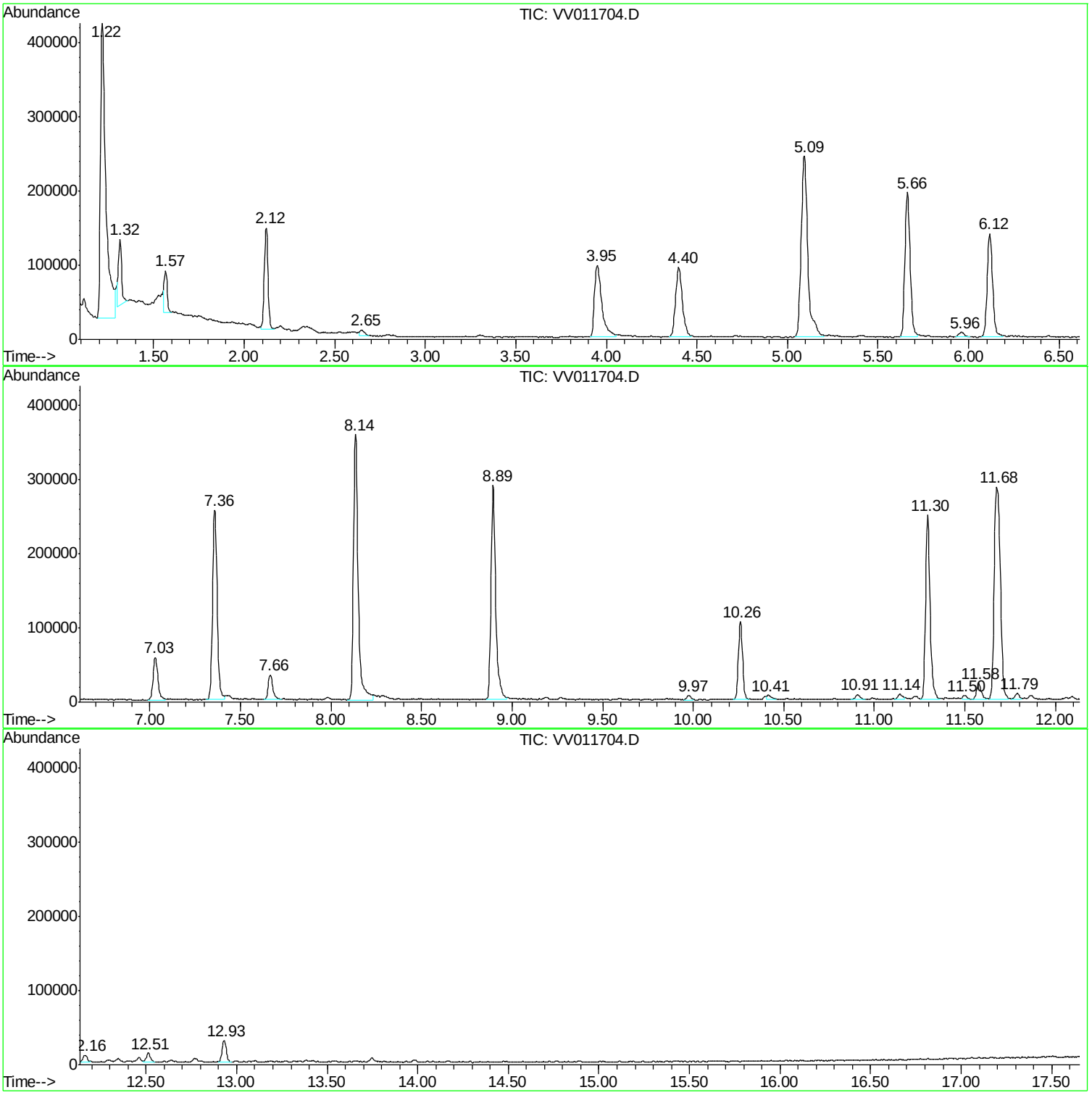
Instrument : MSVOA_V
ClientSampleId : BFCP4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0

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



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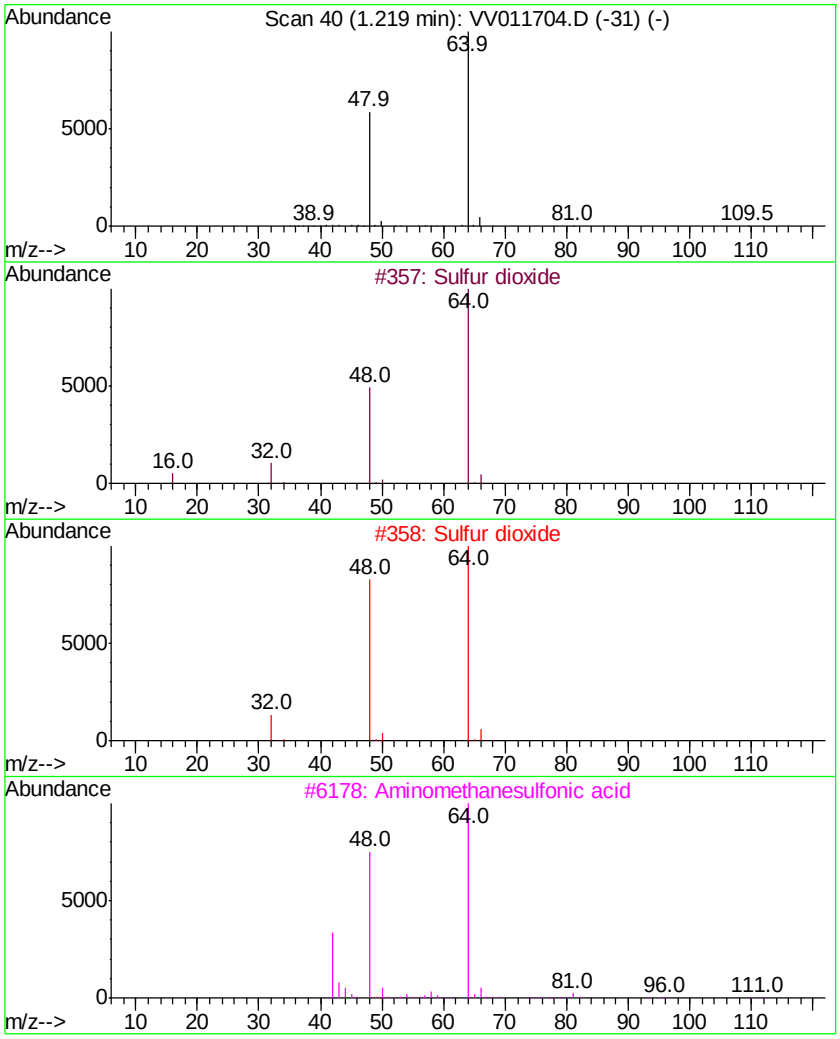
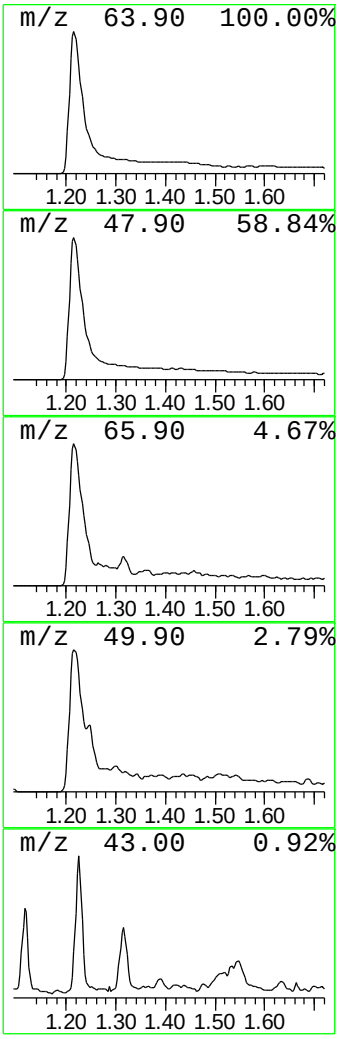
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	10.39 ug/L	817601	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	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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Instrument : MSVOA_V
ClientSampleId : BFCP4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0

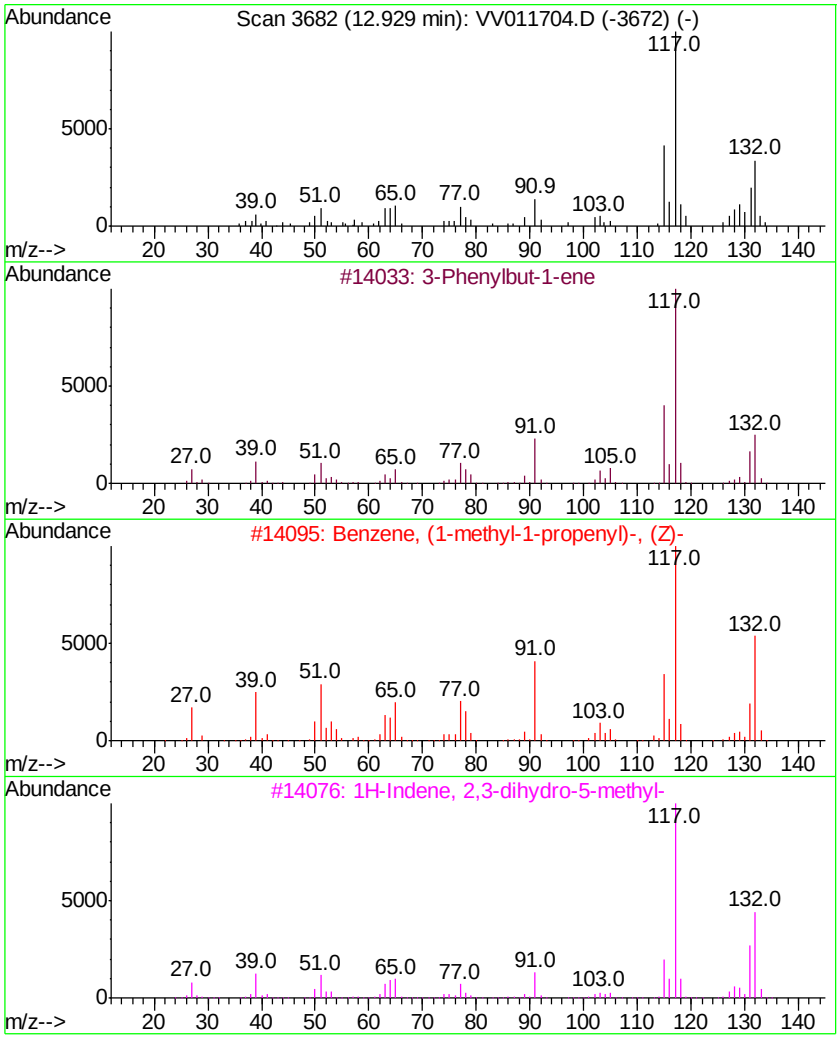
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

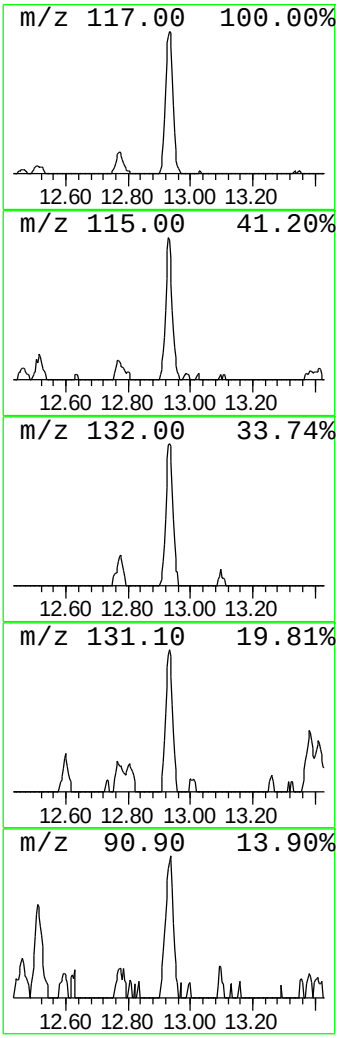
****

Peak Number 3 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	0.56 ug/L	47663	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80





Tentatively Identified Compound (LSC) summary

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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	1.22	10.4	ug/L	817601	1	5.66	393617	5.0
3-Phenylbut-1-ene	12.93	0.6	ug/L	47663	3	11.30	425902	5.0