

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032119\
 Data File : VV009807.D
 Acq On : 21 Mar 2019 20:25
 Operator : SY/MD
 Sample : K2049-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 P009-TW001-01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.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	1.251	35	50	62	rBV3	61276	229089	59.46%	5.898%
2	1.315	65	70	81	rVB	100061	127850	33.18%	3.292%
3	1.582	147	153	166	rVB	86078	104736	27.18%	2.697%
4	2.129	314	323	334	rBV	217891	306823	79.63%	7.899%
5	3.981	885	899	917	rBV	29593	101881	26.44%	2.623%
6	4.155	943	953	961	rBV5	5322	11658	3.03%	0.300%
7	4.402	1015	1030	1047	rBV	64512	153056	39.72%	3.941%
8	5.097	1228	1246	1264	rBV3	155701	361071	93.71%	9.296%
9	5.666	1409	1423	1438	rBV2	116336	233663	60.64%	6.016%
10	6.119	1549	1564	1580	rBV	86711	178980	46.45%	4.608%
11	7.032	1835	1848	1865	rBV2	40885	78055	20.26%	2.010%
12	7.360	1937	1950	1964	rBV	178500	306327	79.50%	7.887%
13	7.669	2035	2046	2060	rBV2	23652	41184	10.69%	1.060%
14	7.984	2132	2144	2152	rBV4	22134	48180	12.50%	1.240%
15	8.058	2153	2167	2168	rBV5	22288	37780	9.81%	0.973%
16	8.145	2185	2194	2220	rVB2	186698	385297	100.00%	9.920%
17	8.897	2415	2428	2450	rBV	188808	314341	81.58%	8.093%
18	10.264	2842	2853	2868	rBV	62704	103204	26.79%	2.657%
19	10.453	2895	2912	2934	rVB3	46171	143099	37.14%	3.684%
20	11.296	3161	3174	3193	rBV	179891	298900	77.58%	7.695%
21	11.672	3280	3291	3306	rBV	166157	277680	72.07%	7.149%
22	12.305	3476	3488	3506	rVB2	22089	41270	10.71%	1.063%

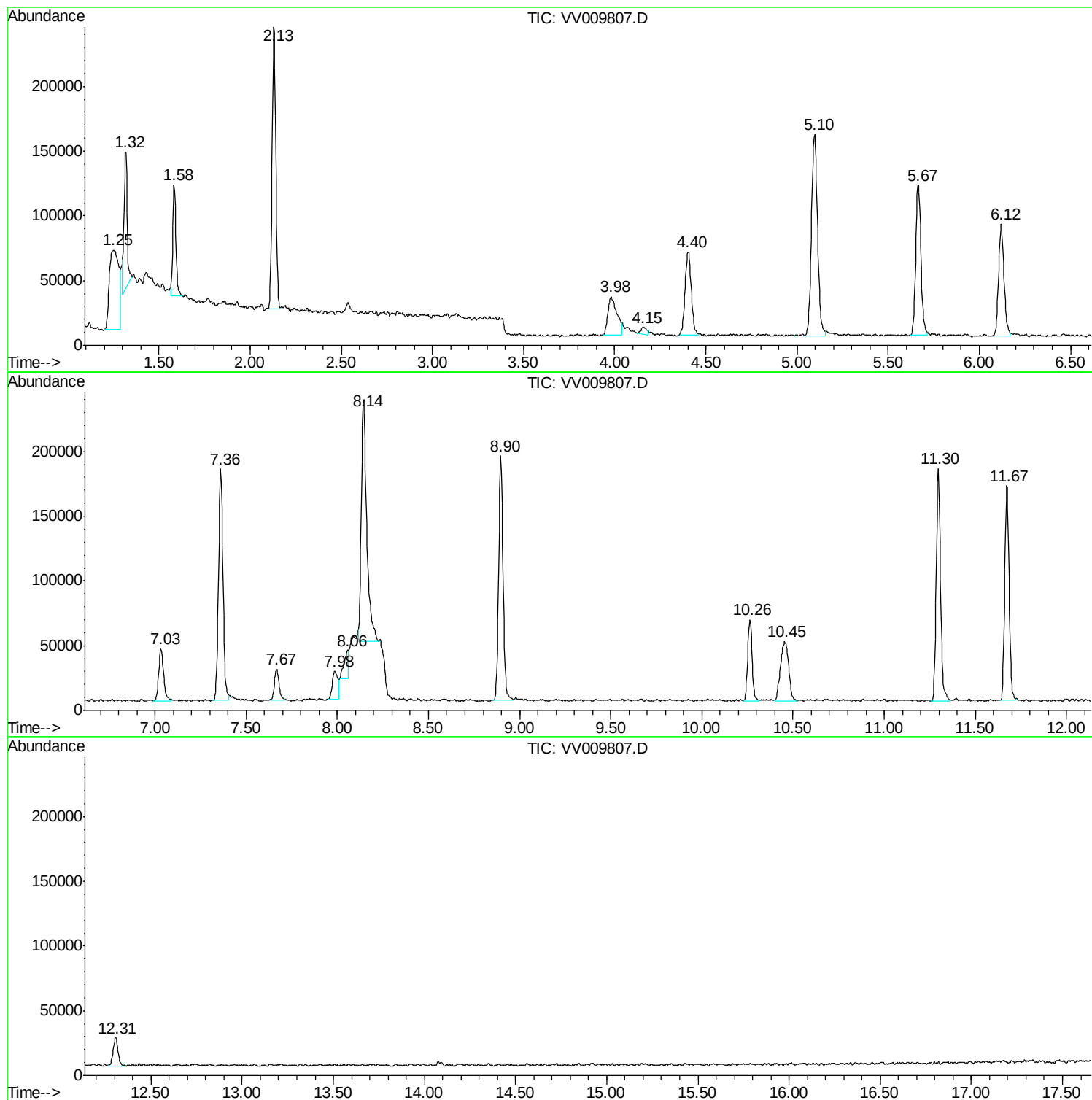
Sum of corrected areas: 3884124

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0

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



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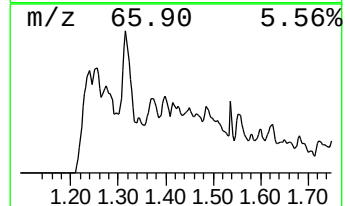
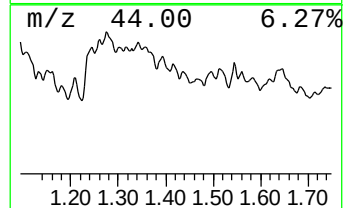
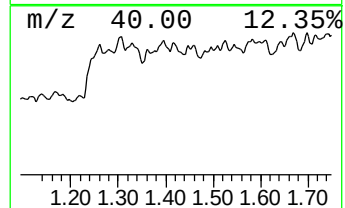
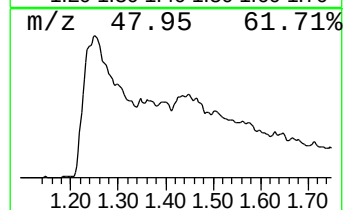
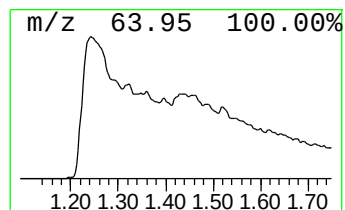
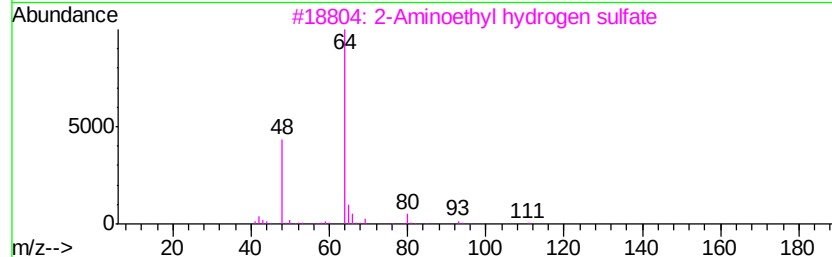
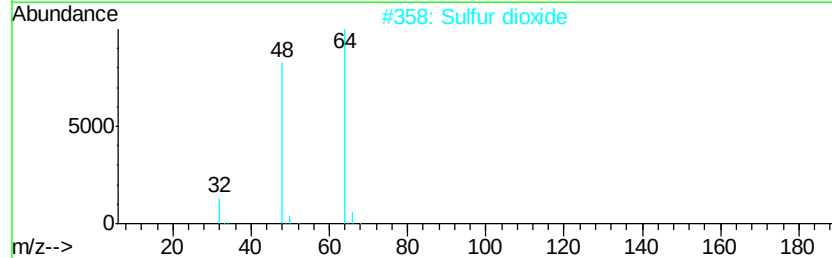
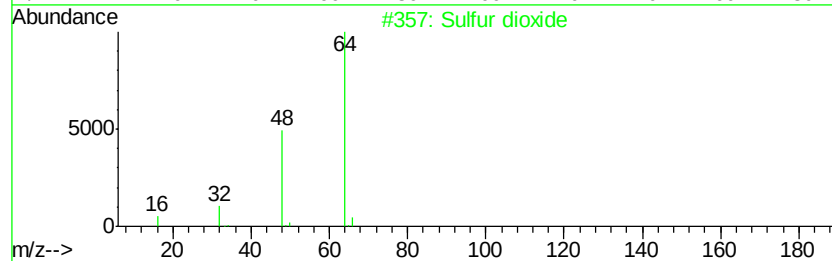
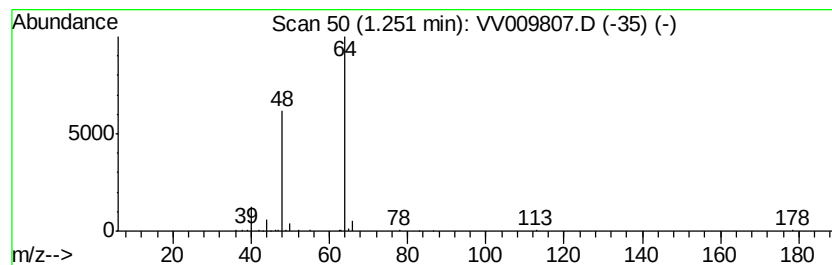
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.25	4.90 ug/L	229089	1,4-Difluorobenzene	5.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	83
2	Sulfur dioxide	64 02S	007446-09-5	83
3	2-Aminoethyl hydrogen sulfate	141 C2H7N04S	000926-39-6	74
4	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	74
5	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	74



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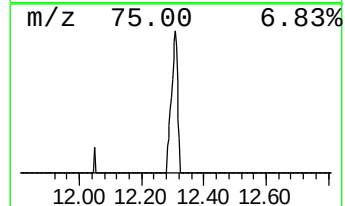
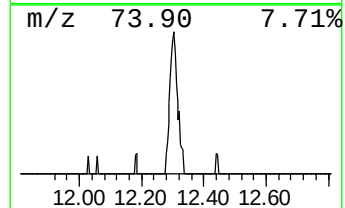
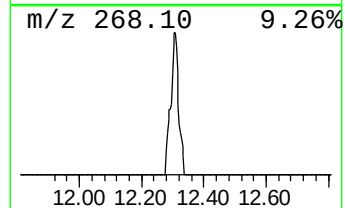
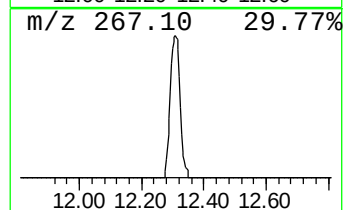
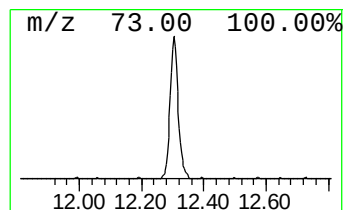
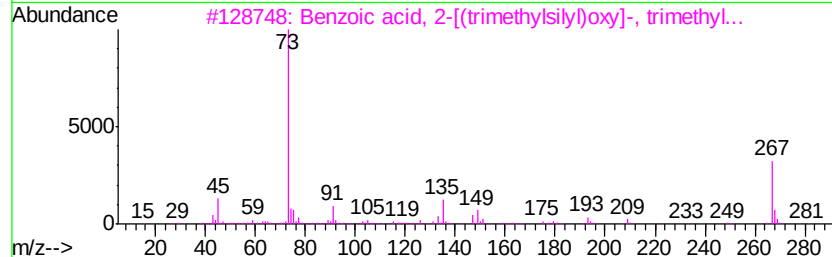
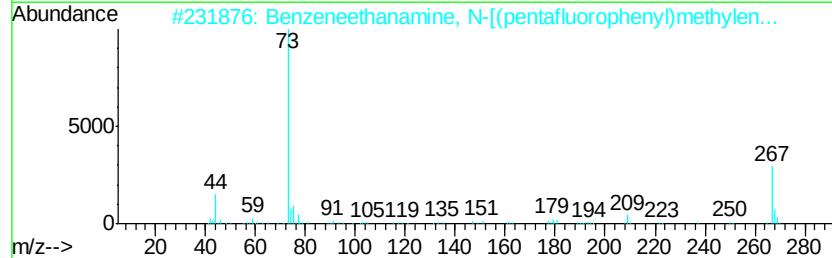
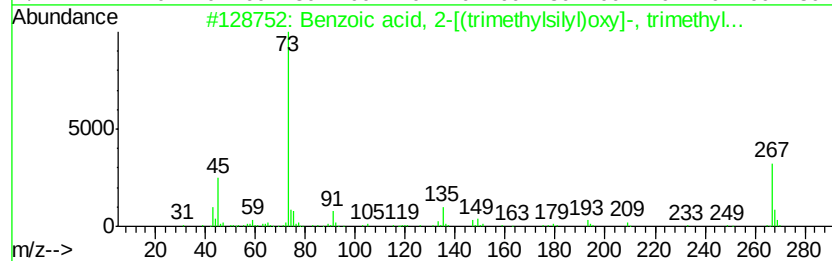
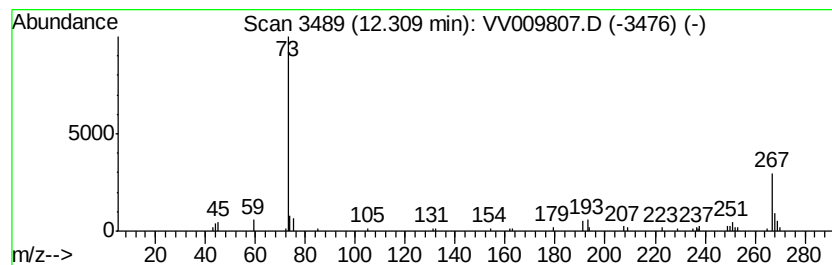
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Peak Number 6 Benzoic acid, 2-[(trimethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.31	0.69 ug/L	41270	1,4-Dichlorobenzene-d4	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	53
2	Benzenethanamine, N-[(pentaflu...	475	C21H26F5N02Si2	055429-85-1	38
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	12
4	Silane, 9H-fluoren-9-yltrimethyl-	238	C16H18Si	007385-10-6	9
5	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	9



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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.25	4.9	ug/L	229089	1	5.67	233663	5.0
Benzoic acid, 2-[...]	12.31	0.7	ug/L	41270	3	11.30	298900	5.0