

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027373.D
 Acq On : 13 Aug 2022 17:11
 Operator : SY/MD
 Sample : N4115-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E02

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\SFAMVTR081122WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV027373.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.133	24	29	41	rVB	43817	58245	6.83%	0.927%
2	1.207	48	52	57	rBV	13144	11027	1.29%	0.176%
3	1.291	71	78	80	rBV	119770	121353	14.23%	1.932%
4	1.368	93	102	136	rBV	56165	187460	21.99%	2.985%
5	1.561	156	162	179	rVB	65058	78140	9.17%	1.244%
6	1.947	276	282	294	rVB	11991	16765	1.97%	0.267%
7	2.101	320	330	344	rVB	129522	188311	22.09%	2.998%
8	2.223	364	368	378	rVB3	7988	13093	1.54%	0.208%
9	2.757	519	534	546	rVB7	5836	11323	1.33%	0.180%
10	3.889	874	886	919	rBV3	110920	396652	46.52%	6.315%
11	4.342	1010	1027	1052	rBV	125662	336377	39.45%	5.356%
12	5.040	1228	1244	1297	rBV2	238915	691436	81.10%	11.009%
13	5.612	1409	1422	1440	rBV	179017	373529	43.81%	5.947%
14	5.686	1443	1445	1459	rVB6	8481	15199	1.78%	0.242%
15	5.921	1505	1518	1519	rBV8	7255	12645	1.48%	0.201%
16	6.066	1550	1563	1579	rBV	158090	329325	38.63%	5.243%
17	6.985	1839	1849	1879	rBV2	58477	121764	14.28%	1.939%
18	7.313	1940	1951	1969	rBV	232193	425003	49.85%	6.767%
19	7.387	1970	1974	1999	rVB3	15083	36363	4.27%	0.579%
20	7.622	2037	2047	2065	rBV	34437	69356	8.13%	1.104%
21	8.088	2181	2192	2231	rBV	427148	852587	100.00%	13.574%
22	8.850	2418	2429	2453	rBV	294585	516525	60.58%	8.224%
23	9.017	2473	2481	2490	rBV4	8606	15432	1.81%	0.246%
24	9.140	2507	2519	2534	rBV	28195	52568	6.17%	0.837%
25	9.548	2638	2646	2655	rVB2	11320	18336	2.15%	0.292%
26	10.213	2841	2853	2872	rBV	150228	239585	28.10%	3.815%
27	10.451	2915	2927	2940	rBV5	7812	17075	2.00%	0.272%
28	10.718	2996	3010	3022	rBV2	16007	32415	3.80%	0.516%
29	10.918	3056	3072	3085	rBV	12016	21263	2.49%	0.339%
30	11.191	3149	3157	3164	rVB8	6401	9628	1.13%	0.153%
31	11.246	3164	3174	3195	rVV	284428	451424	52.95%	7.187%
32	11.336	3195	3202	3215	rVB7	7492	14087	1.65%	0.224%
33	11.622	3278	3291	3309	rBV	291523	469042	55.01%	7.468%
34	13.291	3796	3810	3817	rBV	6850	12649	1.48%	0.201%
35	14.329	4124	4133	4143	rBV4	7500	11687	1.37%	0.186%
36	16.303	4735	4747	4758	rVB3	32574	53232	6.24%	0.848%

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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\SFAMVTR081122WMA.M
Title : TRACE VOA SFAM1.0

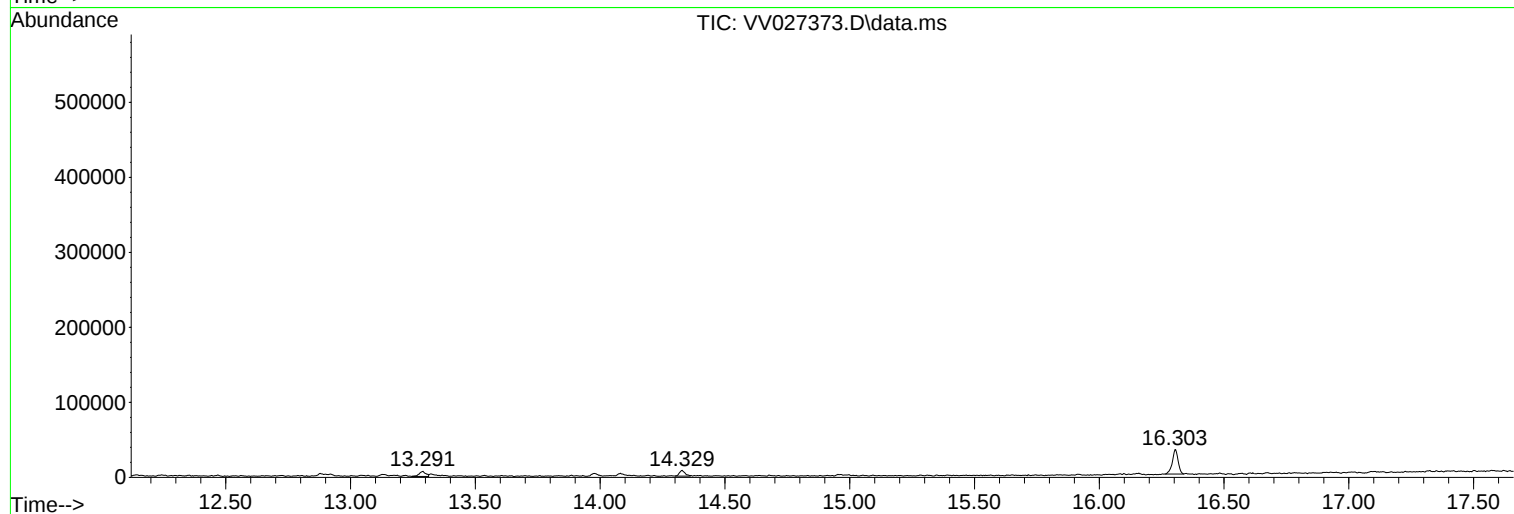
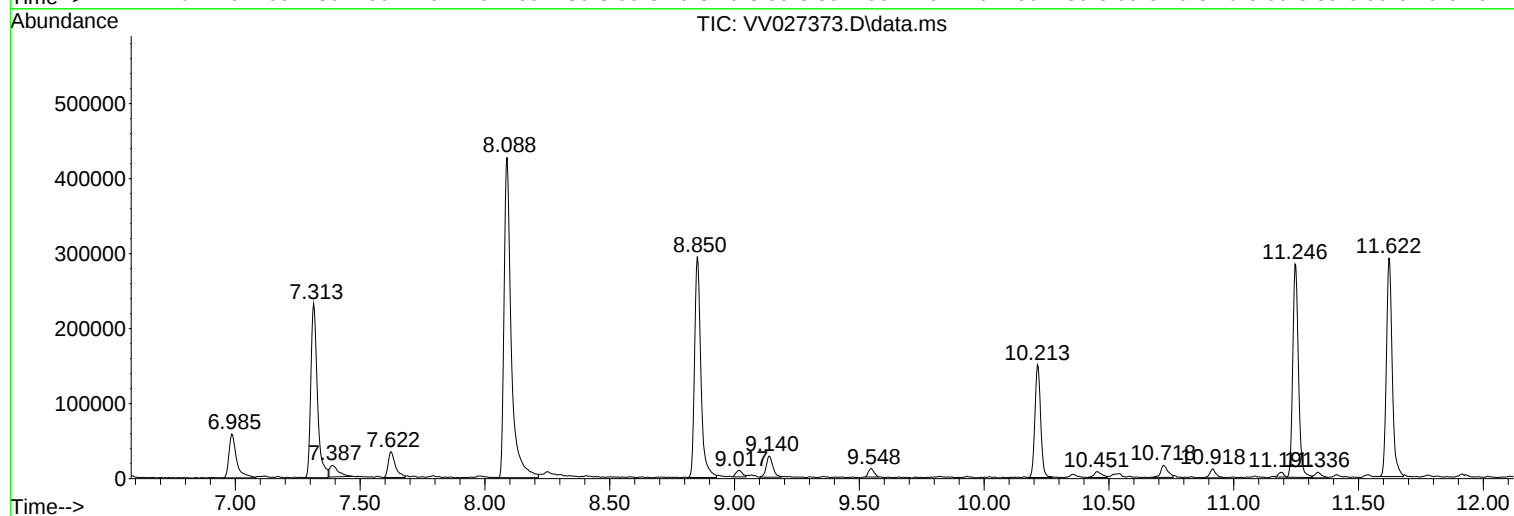
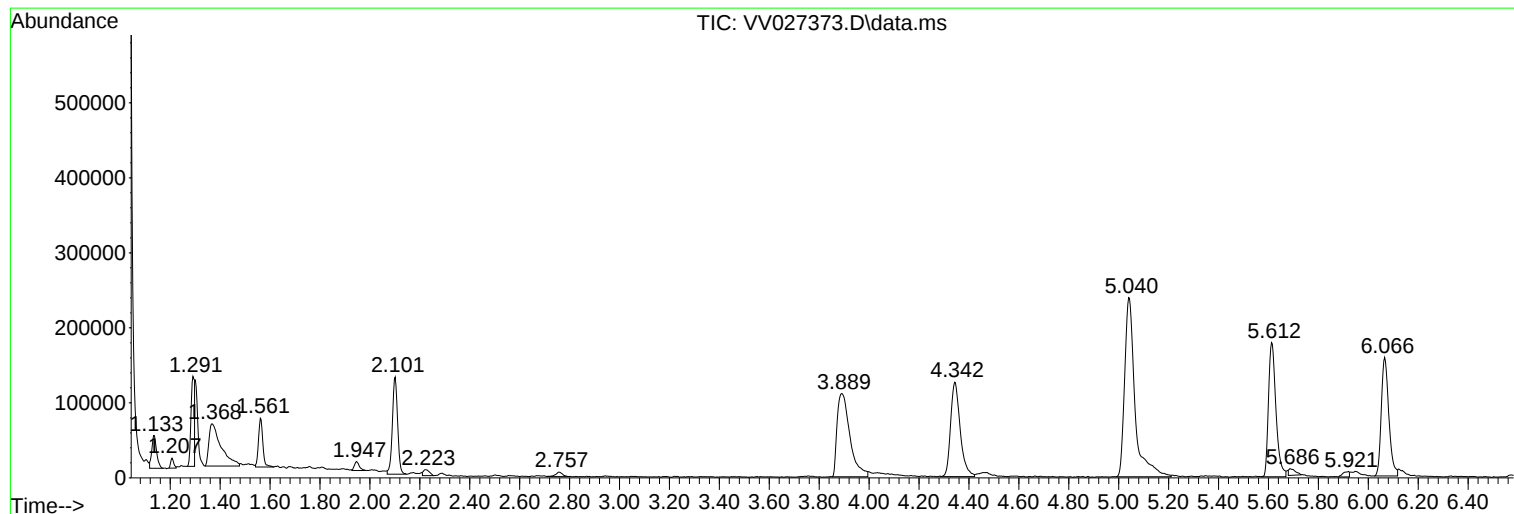
Sum of corrected areas: 6280901

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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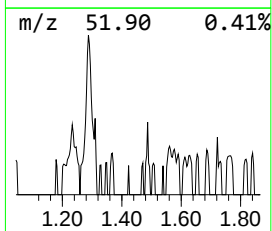
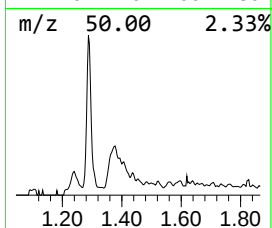
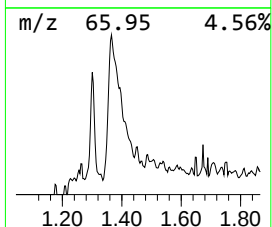
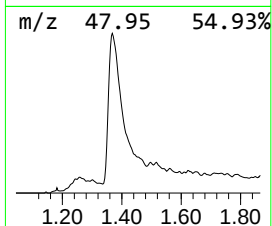
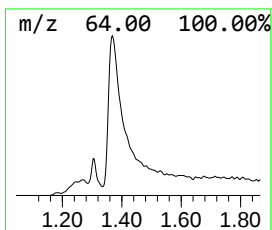
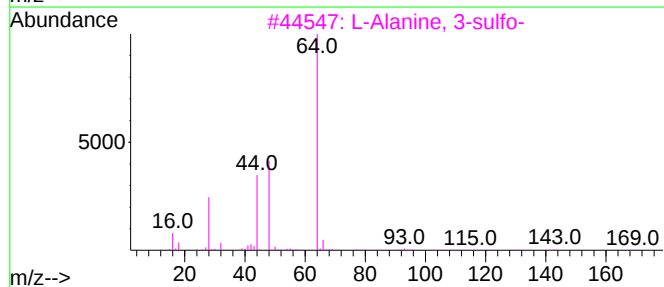
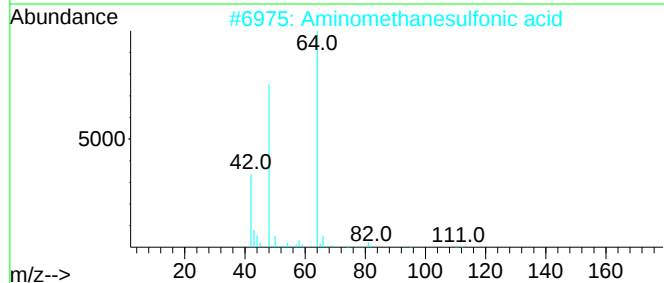
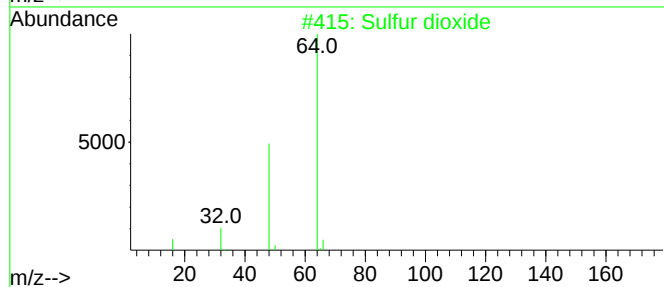
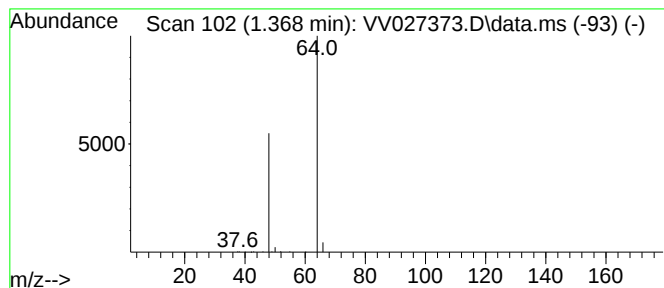
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.368	2.51 ug/L	187460	1,4-Difluorobenzene	5.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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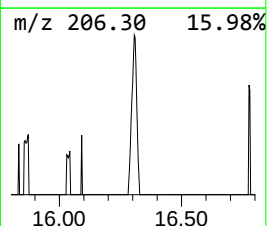
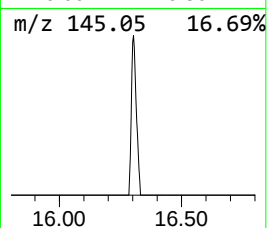
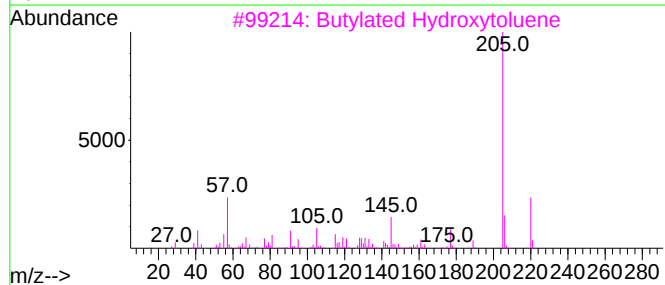
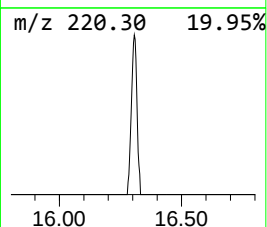
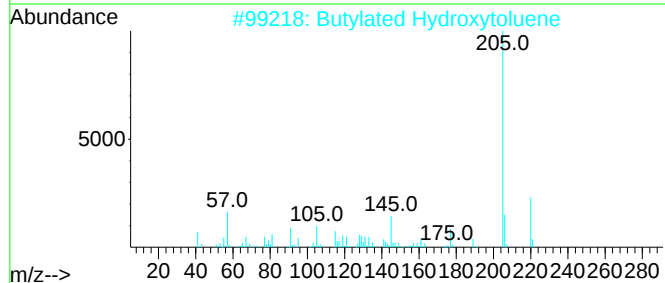
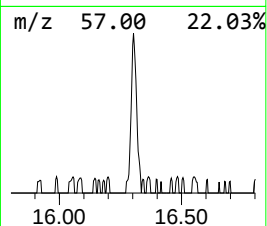
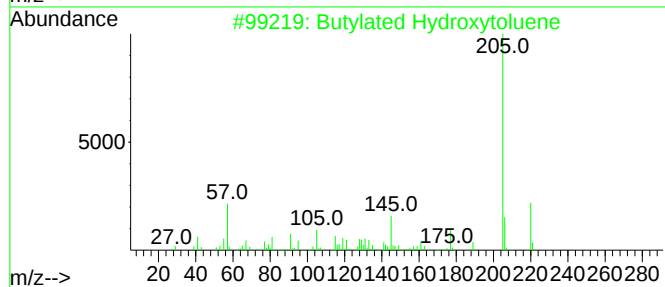
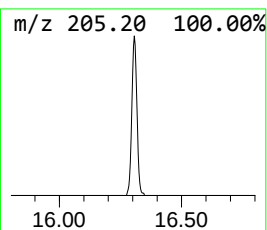
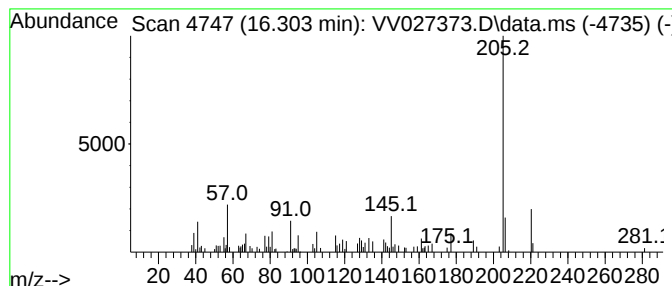
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Peak Number 4 Butylated Hydroxytoluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.303	0.59 ug/L	53232	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
2			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
3			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
4			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
5			Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	95



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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.368	2.5	ug/L	187460	1	5.612	373529	5.0
Butylated Hydro...	16.303	0.6	ug/L	53232	3	11.249	451424	5.0