

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
 Data File : VU061122.D
 Acq On : 11 Oct 2024 16:41
 Operator : MD/SY
 Sample : P4389-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E27H1

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\SFAMUTR100124WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU061122.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.357	15	21	33	rBV2	18149	20198	3.56%	0.374%
2	1.592	84	94	108	rBV3	68902	89823	15.83%	1.662%
3	1.724	127	135	150	rVB	266878	330357	58.20%	6.114%
4	1.907	184	192	202	rBV	47552	61781	10.88%	1.143%
5	2.332	318	324	344	rVB	16498	38898	6.85%	0.720%
6	2.557	384	394	413	rVB	99641	173109	30.50%	3.204%
7	2.666	416	428	439	rBV3	6358	14324	2.52%	0.265%
8	3.123	557	570	578	rBV2	7899	16094	2.84%	0.298%
9	3.177	578	587	607	rVB	9678	22412	3.95%	0.415%
10	3.689	729	746	759	rBV3	6963	16227	2.86%	0.300%
11	3.779	763	774	793	rVB5	6804	15045	2.65%	0.278%
12	4.650	1027	1045	1076	rBV3	60946	226389	39.89%	4.190%
13	5.052	1154	1170	1193	rBV	93116	208520	36.74%	3.859%
14	5.714	1358	1376	1412	rBV2	187118	516353	90.97%	9.556%
15	6.242	1527	1540	1563	rBV	186729	363952	64.12%	6.736%
16	6.534	1622	1631	1646	rVB	10210	19774	3.48%	0.366%
17	6.682	1664	1677	1710	rVB	119854	242239	42.68%	4.483%
18	7.560	1937	1950	1974	rBV2	61866	116201	20.47%	2.151%
19	7.672	1977	1985	1995	rVV2	3754	6291	1.11%	0.116%
20	7.891	2040	2053	2067	rBV	223739	397856	70.10%	7.363%
21	7.962	2068	2075	2091	rVB	29355	53592	9.44%	0.992%
22	8.174	2131	2141	2156	rBV	36762	65443	11.53%	1.211%
23	8.547	2247	2257	2269	rVB2	19509	33522	5.91%	0.620%
24	8.627	2269	2282	2321	rBV	267619	567586	100.00%	10.505%
25	9.409	2513	2525	2551	rBV	256945	443147	78.08%	8.202%
26	9.688	2605	2612	2622	rBV2	6017	9660	1.70%	0.179%
27	10.097	2729	2739	2749	rBV	6337	10428	1.84%	0.193%
28	10.746	2930	2941	2959	rBV	90296	149305	26.31%	2.763%
29	11.084	3037	3046	3055	rBV2	10954	16728	2.95%	0.310%
30	11.286	3100	3109	3119	rBV3	4464	6980	1.23%	0.129%
31	11.466	3157	3165	3169	rBV4	4634	7056	1.24%	0.131%
32	11.492	3169	3173	3184	rVB5	4224	6174	1.09%	0.114%
33	11.733	3240	3248	3257	rBV4	4058	5827	1.03%	0.108%
34	11.804	3257	3270	3287	rVV	263476	433221	76.33%	8.018%
35	11.888	3287	3296	3309	rVB2	17036	27910	4.92%	0.517%
36	12.068	3341	3352	3354	rBV3	7339	10521	1.85%	0.195%

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37	12.187	3377	3389	3407	rBV	218706	364662	64.25%	6.749%
38	12.698	3534	3548	3561	rVB7	5341	13750	2.42%	0.254%
39	12.868	3592	3601	3614	rVV5	6087	12400	2.18%	0.229%
40	12.945	3614	3625	3627	rVV5	4212	6819	1.20%	0.126%
41	12.965	3627	3631	3639	rVV3	6476	9212	1.62%	0.170%
42	13.019	3640	3648	3661	rVB	16646	26343	4.64%	0.488%
43	13.286	3721	3731	3742	rVB5	5854	9695	1.71%	0.179%
44	13.444	3770	3780	3792	rVB3	21463	37217	6.56%	0.689%
45	13.727	3857	3868	3876	rBV5	4075	6342	1.12%	0.117%
46	14.084	3965	3979	3997	rBV	37972	73501	12.95%	1.360%
47	14.662	4151	4159	4163	rBV7	3845	5940	1.05%	0.110%
48	14.868	4216	4223	4233	rVB8	3365	5811	1.02%	0.108%
49	15.019	4261	4270	4282	rBV9	3660	7679	1.35%	0.142%
50	15.222	4323	4333	4342	rBV	12809	21313	3.76%	0.394%
51	15.405	4378	4390	4402	rBV	15480	27950	4.92%	0.517%
52	16.338	4670	4680	4690	rVB3	8383	14775	2.60%	0.273%
53	16.405	4691	4701	4708	rBV3	10402	16843	2.97%	0.312%

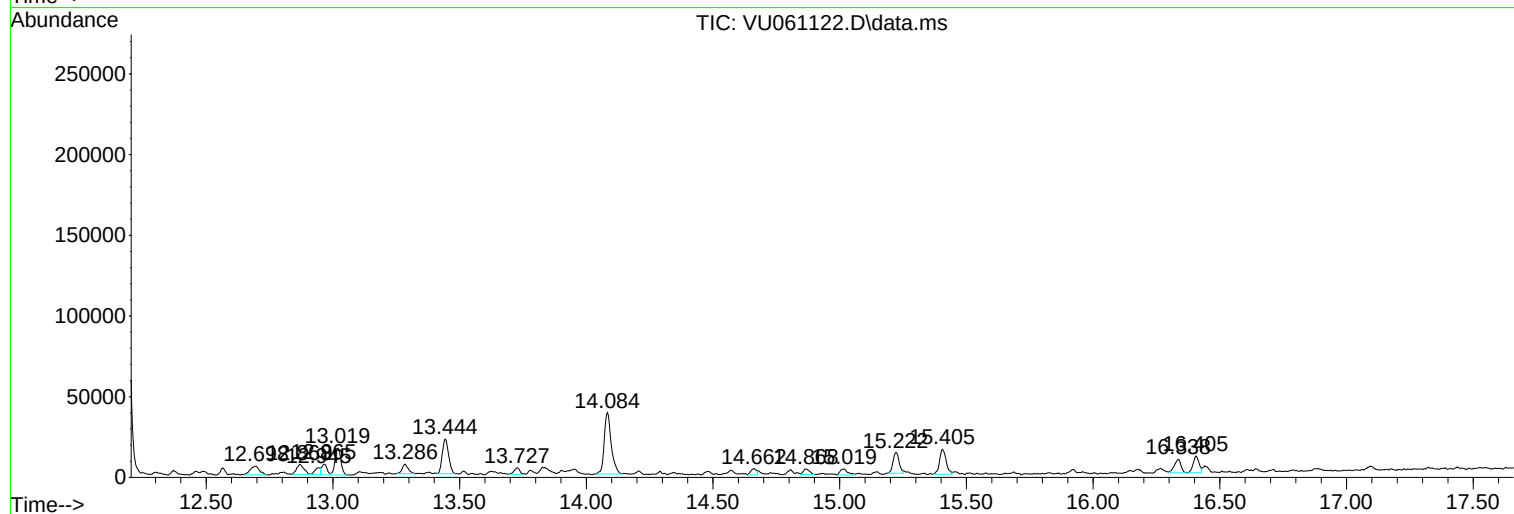
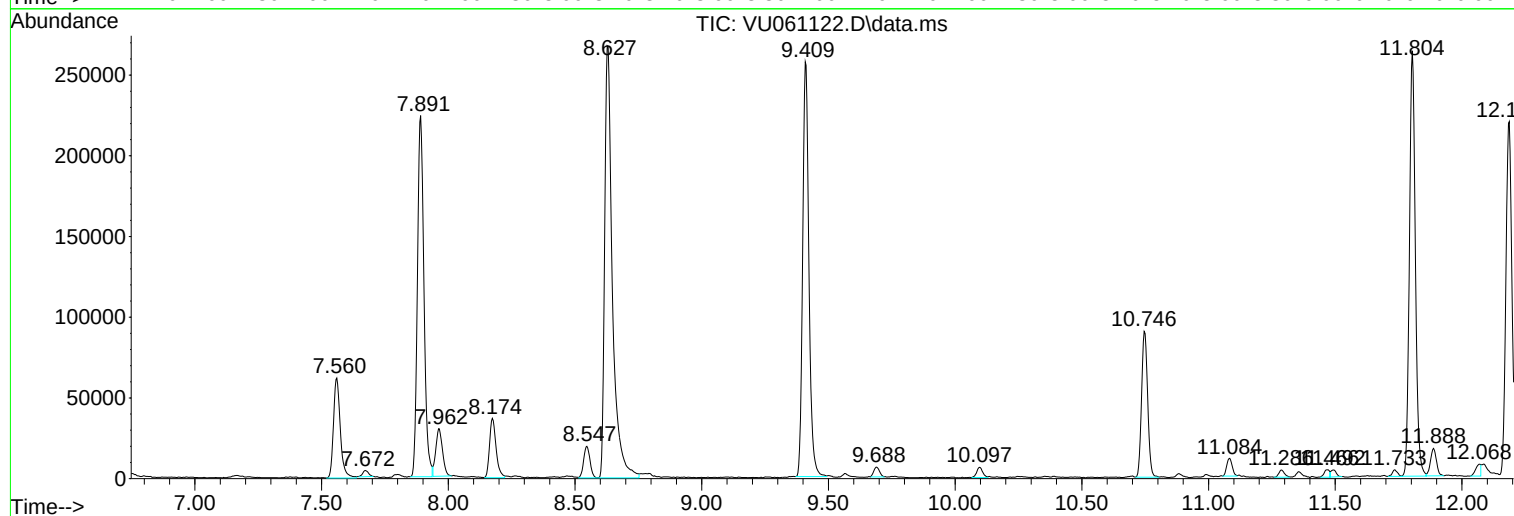
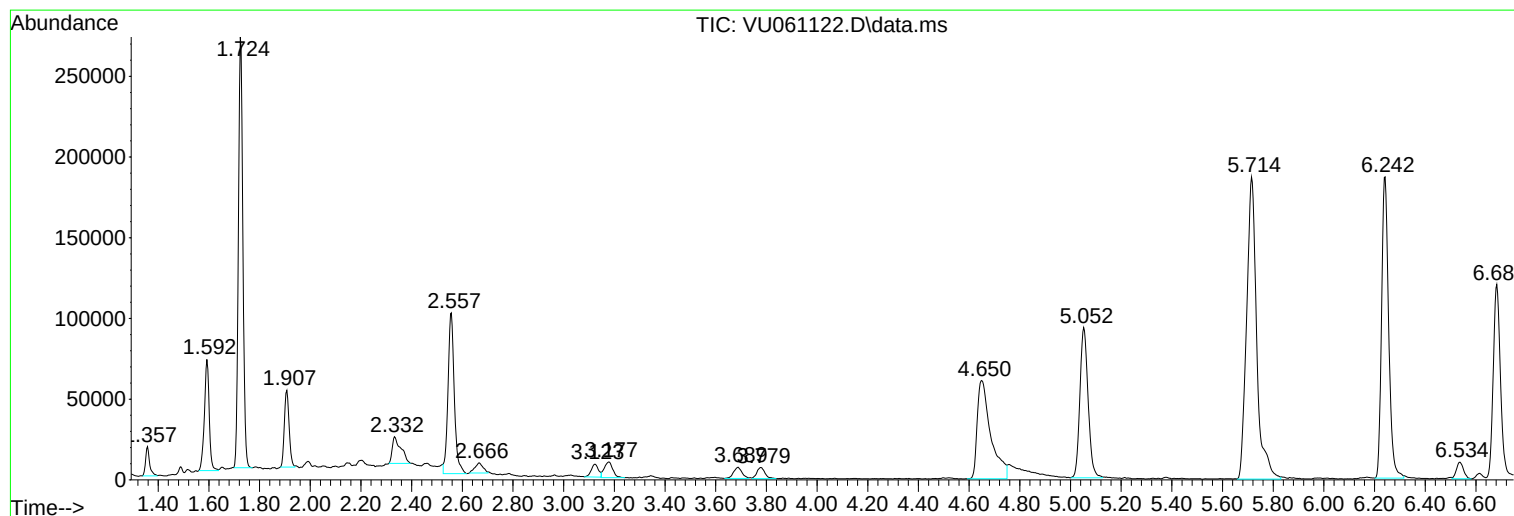
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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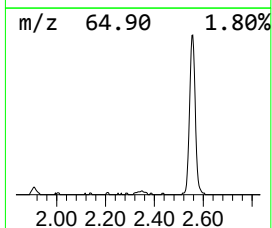
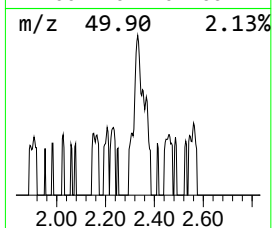
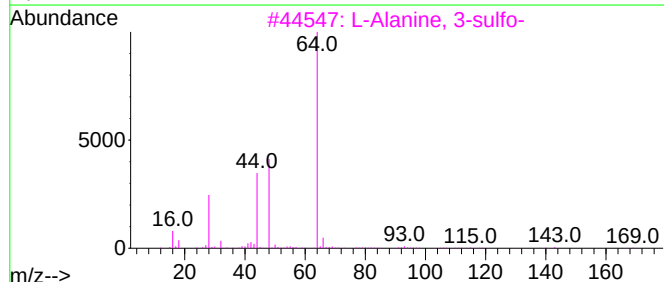
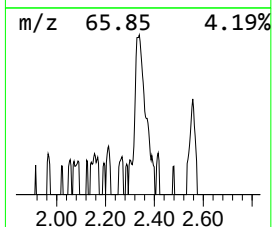
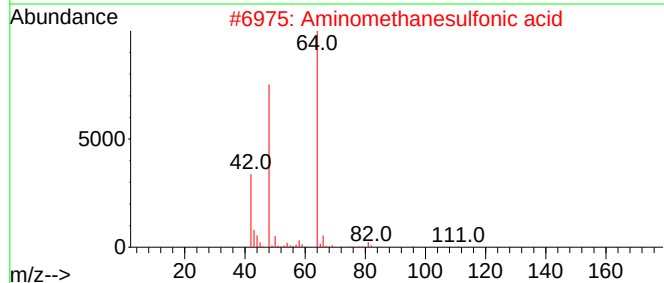
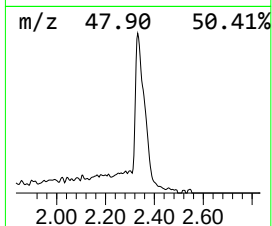
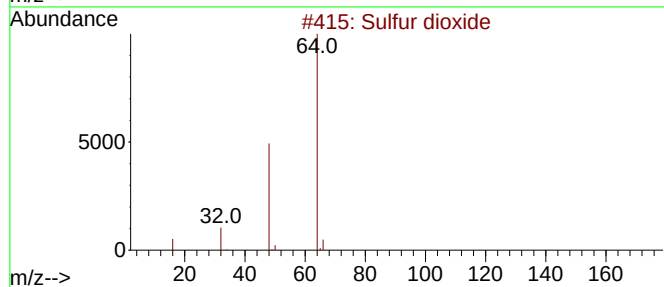
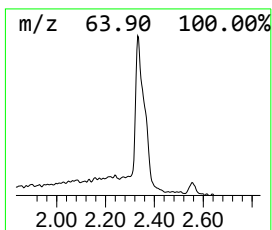
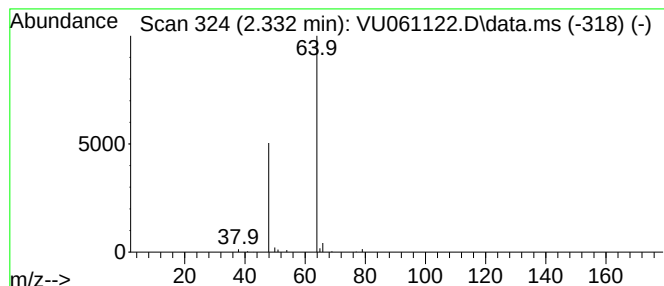
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.332	0.53 ug/L	38898	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	74
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			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5



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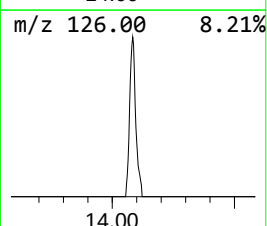
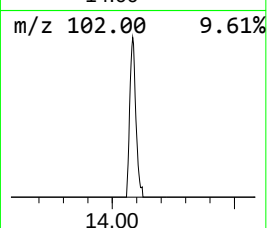
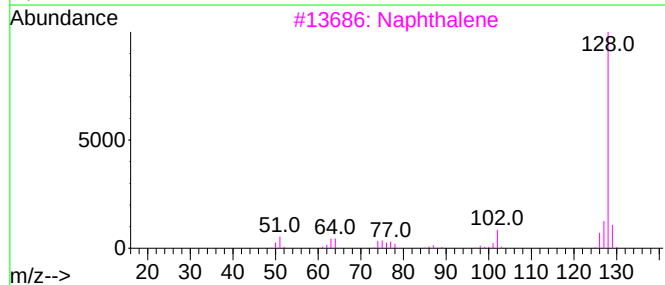
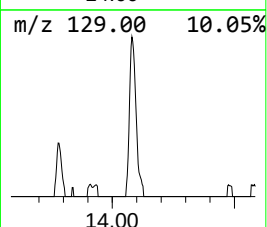
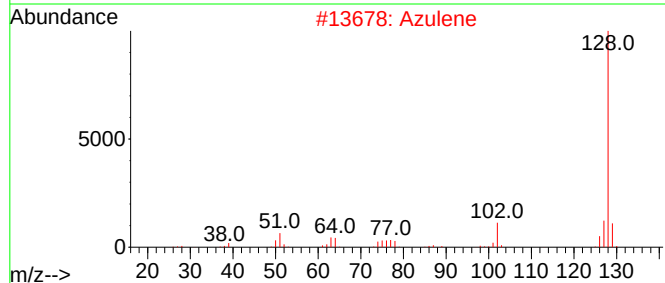
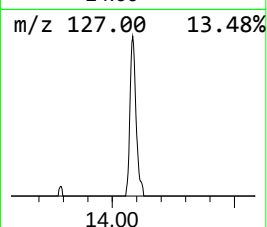
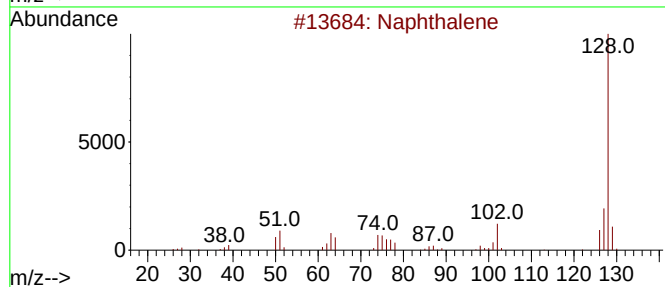
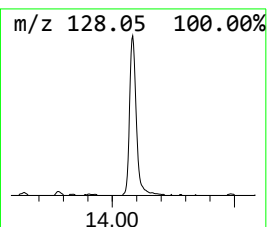
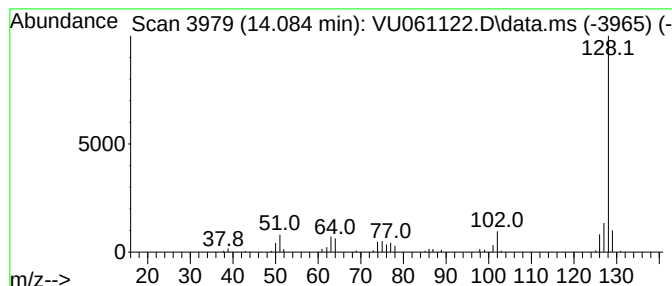
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.084	0.85 ug/L	73501	1,4-Dichlorobenzene-d4	11.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	97
2			Azulene	128	C10H8	000275-51-4	95
3			Naphthalene	128	C10H8	000091-20-3	95
4			Naphthalene	128	C10H8	000091-20-3	95
5			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.332	0.5	ug/L	38898	1	6.242	363952	5.0
Azulene	14.084	0.8	ug/L	73501	3	11.804	433221	5.0