

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062022\
 Data File : VV026460.D
 Acq On : 20 Jun 2022 21:01
 Operator : SY/MD
 Sample : N3355-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY0C4

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\SFAMVTR061522WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV026460.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.259	53	68	79	rBV2	29838	88356	11.26%	1.373%
2	1.323	82	88	104	rVB	129202	151101	19.26%	2.348%
3	1.558	148	161	162	rBV2	18936	33906	4.32%	0.527%
4	1.584	163	169	183	rVB	111778	146125	18.63%	2.271%
5	2.124	328	337	354	rVB	219322	323378	41.22%	5.025%
6	3.928	888	898	940	rBV	40316	175819	22.41%	2.732%
7	4.365	1016	1034	1060	rBV	139329	352782	44.97%	5.482%
8	5.059	1232	1250	1279	rBV2	320579	784528	100.00%	12.192%
9	5.625	1410	1426	1451	rBV	245185	501160	63.88%	7.788%
10	6.075	1554	1566	1592	rBV	172313	359305	45.80%	5.584%
11	6.995	1842	1852	1877	rBV2	47162	93992	11.98%	1.461%
12	7.320	1940	1953	1972	rBV	395858	685945	87.43%	10.660%
13	7.400	1974	1978	1988	rVB3	5671	9328	1.19%	0.145%
14	7.628	2040	2049	2065	rBV2	23487	44453	5.67%	0.691%
15	8.095	2182	2194	2231	rBV2	226715	456520	58.19%	7.095%
16	8.255	2236	2244	2255	rVV9	5012	9644	1.23%	0.150%
17	8.853	2416	2430	2461	rBV	350085	578072	73.68%	8.983%
18	10.217	2843	2854	2869	rBV	108503	171330	21.84%	2.663%
19	10.377	2888	2904	2917	rBV4	10538	24022	3.06%	0.373%
20	10.741	3008	3017	3028	rVB3	9784	14428	1.84%	0.224%
21	10.914	3060	3071	3083	rBV	35222	53106	6.77%	0.825%
22	11.249	3163	3175	3193	rBV	322311	502920	64.10%	7.816%
23	11.336	3193	3202	3214	rVB3	9369	15428	1.97%	0.240%
24	11.532	3251	3263	3279	rBV4	20856	45178	5.76%	0.702%
25	11.622	3279	3291	3308	rVB	316234	502316	64.03%	7.806%
26	11.911	3372	3381	3386	rBV4	6229	10154	1.29%	0.158%
27	11.940	3386	3390	3401	rVB2	6034	8809	1.12%	0.137%
28	12.017	3405	3414	3422	rBV2	11756	18055	2.30%	0.281%
29	12.342	3498	3515	3529	rBV4	33446	55290	7.05%	0.859%
30	12.413	3529	3537	3545	rVV2	9962	14574	1.86%	0.226%
31	12.464	3545	3553	3565	rVB	12090	17733	2.26%	0.276%
32	12.725	3627	3634	3644	rVB3	8215	11348	1.45%	0.176%
33	12.882	3663	3683	3693	rBV3	17005	29576	3.77%	0.460%
34	13.268	3794	3803	3810	rBV7	5437	8435	1.08%	0.131%
35	13.506	3867	3877	3889	rBV	14142	22207	2.83%	0.345%
36	14.098	4050	4061	4068	rBV7	3804	8446	1.08%	0.131%

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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

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Title : TRACE VOA SFAM1.0

37	14.409	4147	4158	4169	rBV7	4413	9170	1.17%	0.143%
38	14.815	4274	4284	4296	rVB	20485	29935	3.82%	0.465%
39	15.667	4540	4549	4559	rBV5	6876	11000	1.40%	0.171%
40	15.808	4586	4593	4600	rBV6	8424	12187	1.55%	0.189%
41	16.480	4793	4802	4812	rBV	20179	31960	4.07%	0.497%
42	17.387	5077	5084	5095	rBV3	7583	12805	1.63%	0.199%

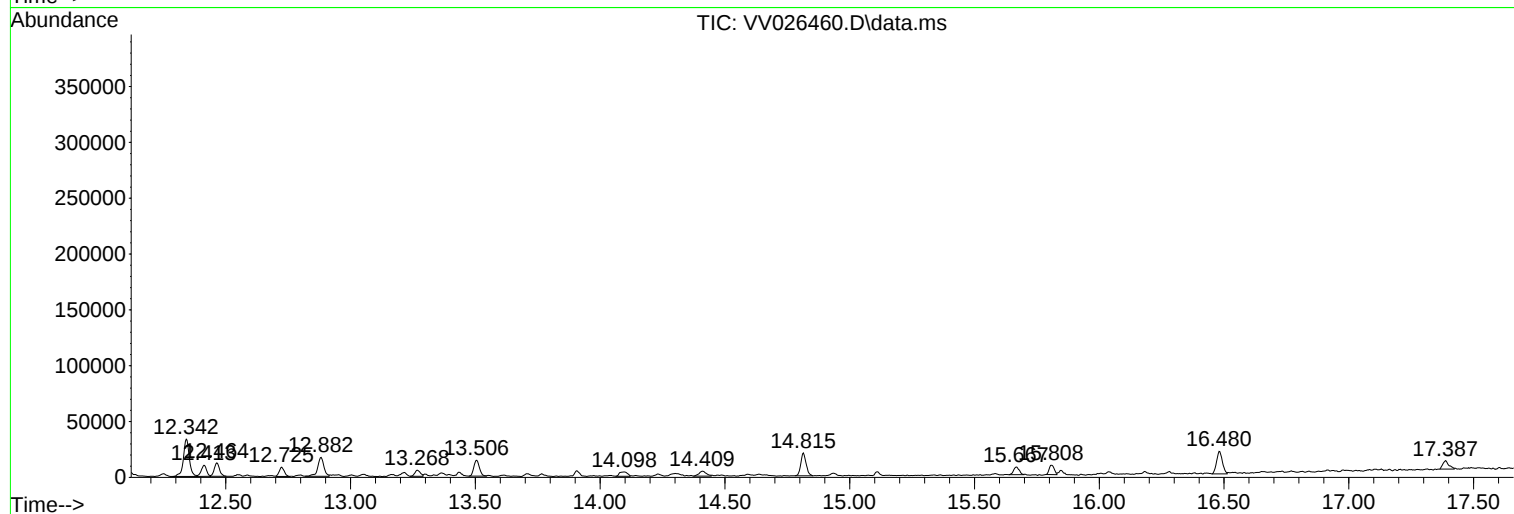
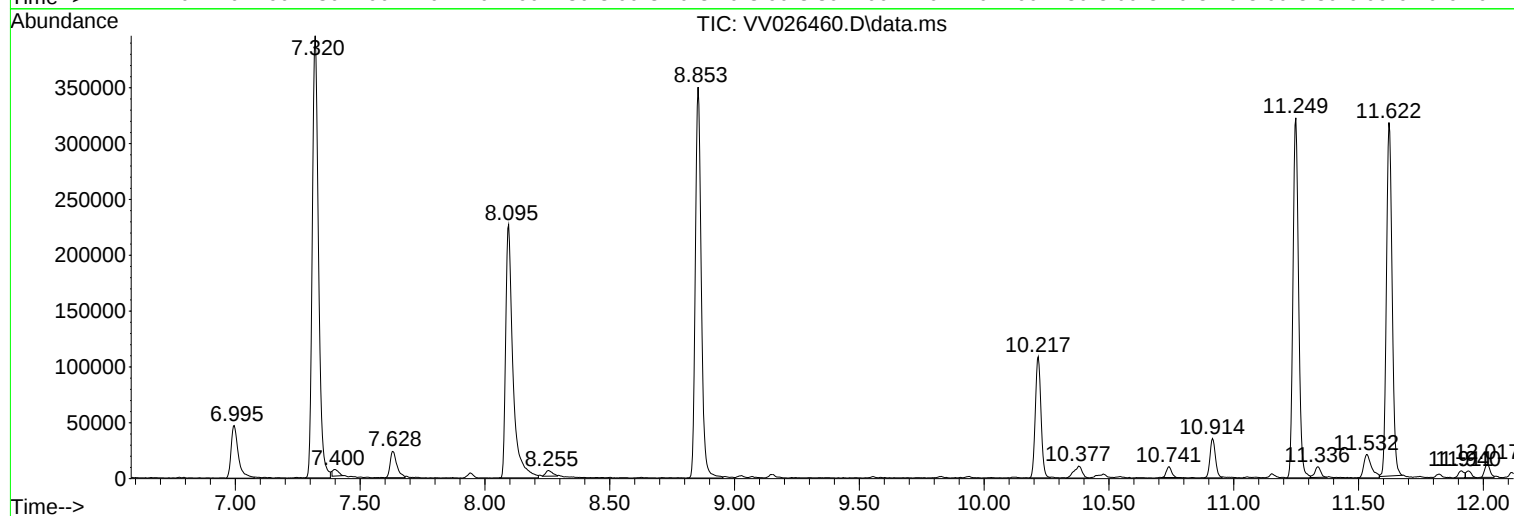
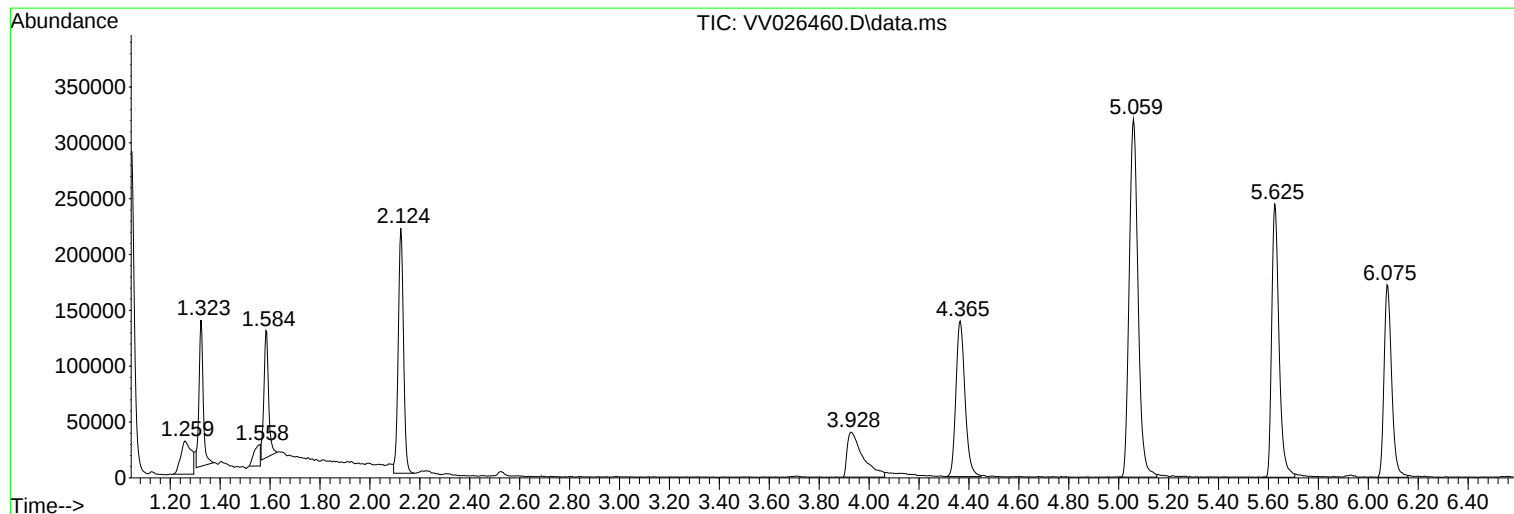
Sum of corrected areas: 6434826

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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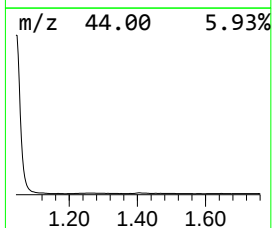
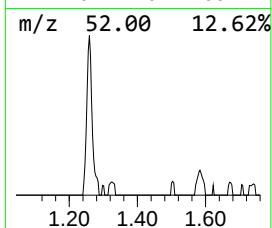
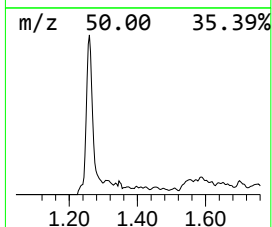
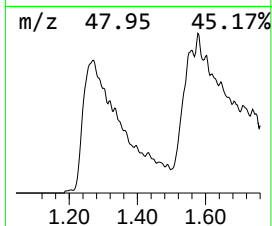
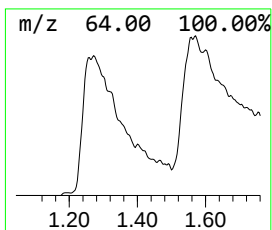
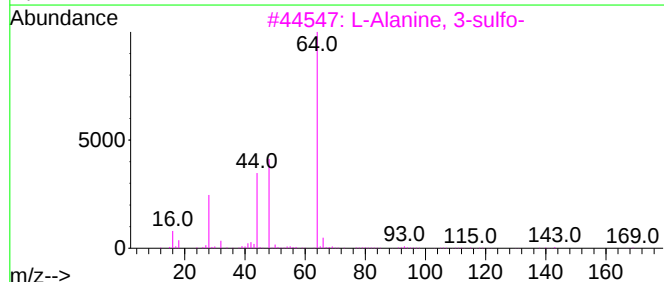
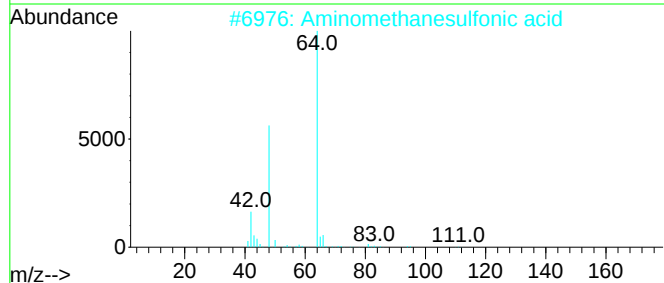
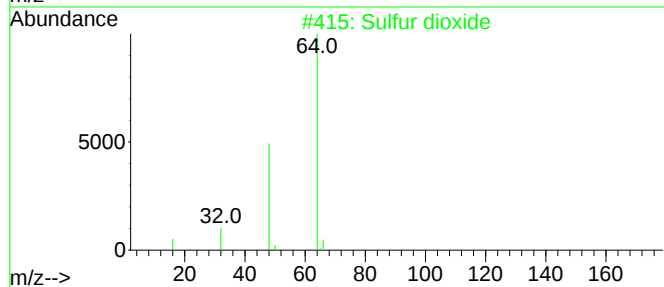
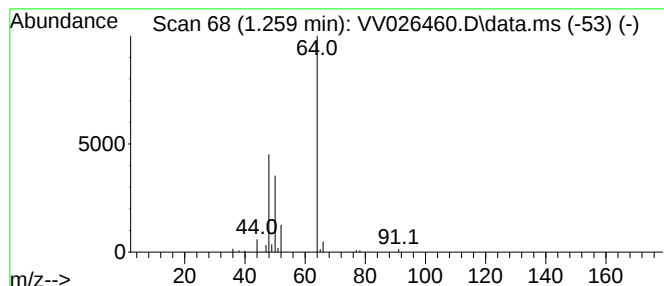
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.259	0.88 ug/L	88356	1,4-Difluorobenzene	5.625

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	64
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	43
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	9



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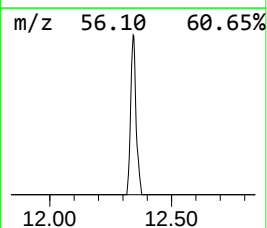
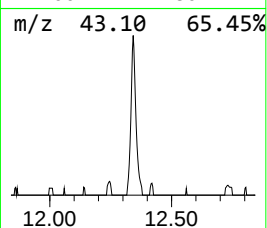
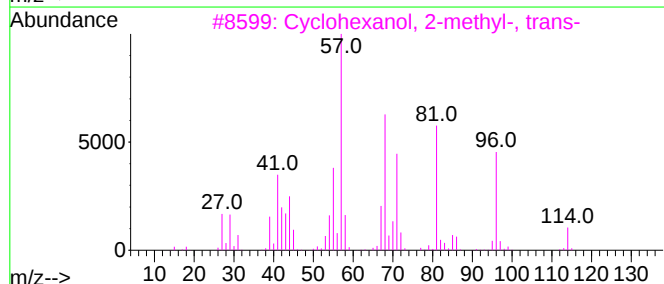
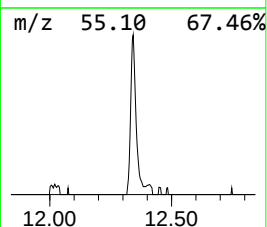
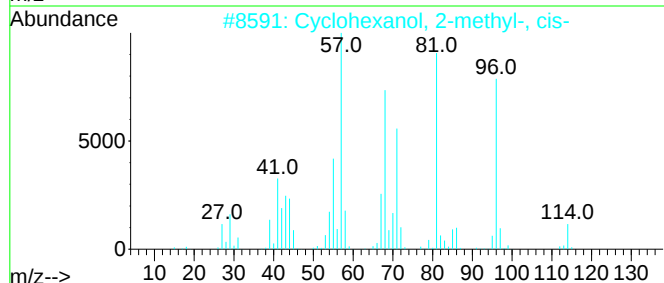
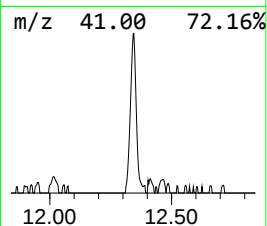
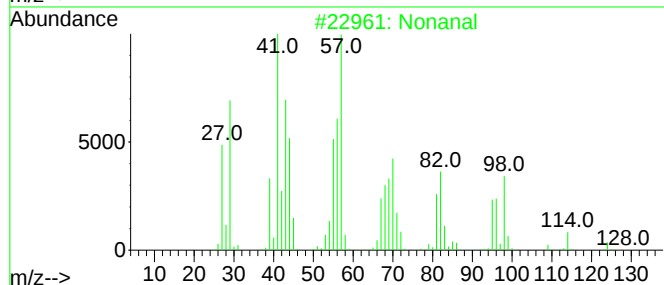
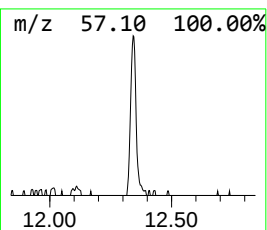
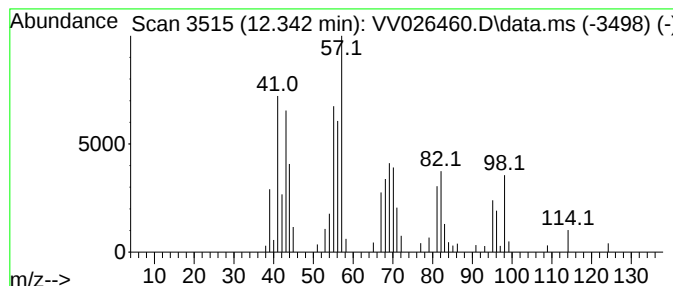
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	0.55 ug/L	55290	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	87
2			Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	46
3			Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	46
4			Cyclohexanol, 2-methyl-	114	C7H14O	000583-59-5	46
5			Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	46



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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	1.259	0.9	ug/L	88356	1	5.625	501160	5.0
Nonanal	12.342	0.6	ug/L	55290	3	11.249	502920	5.0