

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027366.D
 Acq On : 13 Aug 2022 13:51
 Operator : SY/MD
 Sample : N4115-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D82

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: VV027366.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	15	20	22	rBV2	9079	8449	1.13%	0.151%
2	1.127	22	27	38	rVB	19158	24950	3.34%	0.447%
3	1.304	72	82	93	rBV2	240777	281491	37.74%	5.039%
4	1.381	96	106	110	rBV2	15270	30846	4.14%	0.552%
5	1.561	155	162	178	rVB	65930	81888	10.98%	1.466%
6	1.799	231	236	256	rVB7	11595	23137	3.10%	0.414%
7	2.098	320	329	345	rVB	121376	178902	23.98%	3.203%
8	2.211	359	364	380	rVB3	7626	15249	2.04%	0.273%
9	2.754	522	533	551	rVB	35397	65697	8.81%	1.176%
10	3.754	827	844	851	rBV	4579	10660	1.43%	0.191%
11	3.883	872	884	927	rBV	88847	328137	43.99%	5.874%
12	4.339	1009	1026	1050	rBV2	113385	291941	39.14%	5.226%
13	4.455	1051	1062	1074	rVB5	4435	11919	1.60%	0.213%
14	5.037	1227	1243	1288	rBV2	218454	646630	86.69%	11.575%
15	5.359	1330	1343	1360	rBV2	18374	42886	5.75%	0.768%
16	5.609	1410	1421	1438	rBV	176698	368439	49.39%	6.595%
17	6.063	1544	1562	1591	rBV	145828	329017	44.11%	5.890%
18	6.982	1836	1848	1874	rBV	56118	114960	15.41%	2.058%
19	7.314	1937	1951	1971	rBV	208600	388079	52.03%	6.947%
20	7.619	2036	2046	2062	rBV2	33926	66260	8.88%	1.186%
21	8.085	2181	2191	2223	rBV	371906	745913	100.00%	13.353%
22	8.850	2417	2429	2453	rBV	282962	497962	66.76%	8.914%
23	10.214	2841	2853	2868	rBV	130579	208057	27.89%	3.724%
24	11.246	3164	3174	3191	rBV	259936	416765	55.87%	7.460%
25	11.622	3280	3291	3317	rVB	249876	408065	54.71%	7.305%

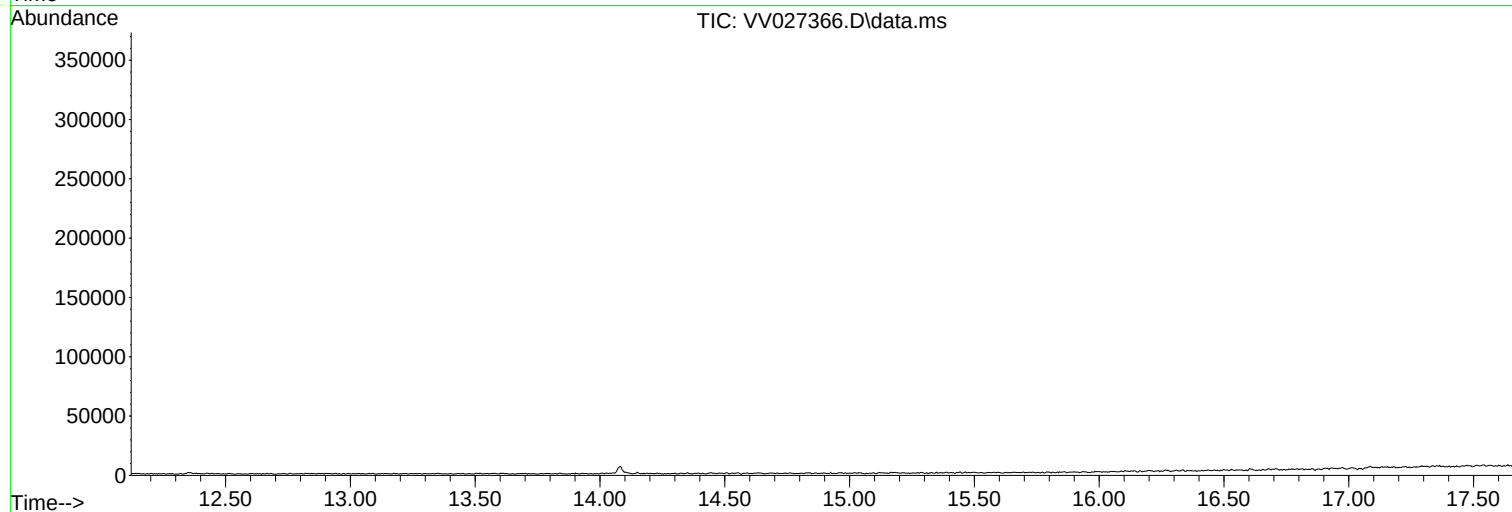
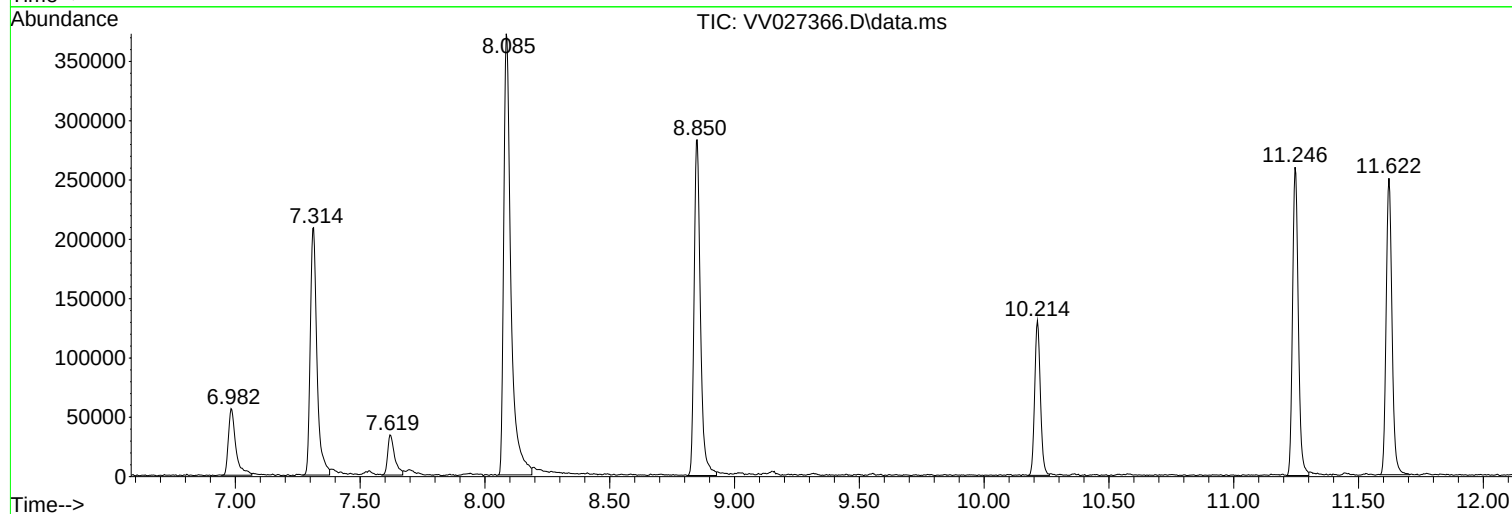
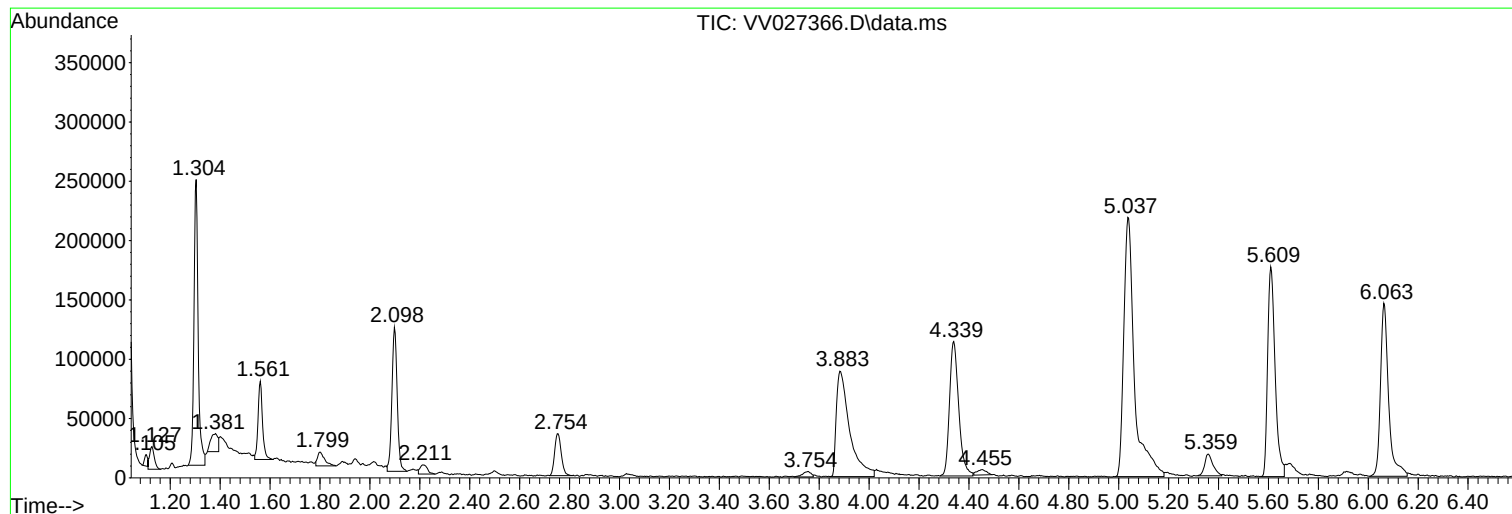
Sum of corrected areas: 5586299

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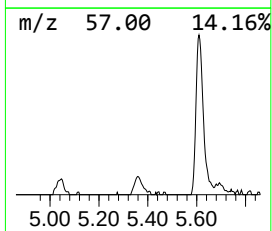
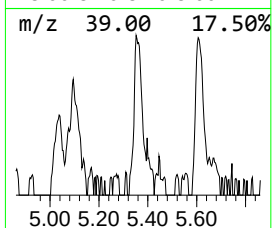
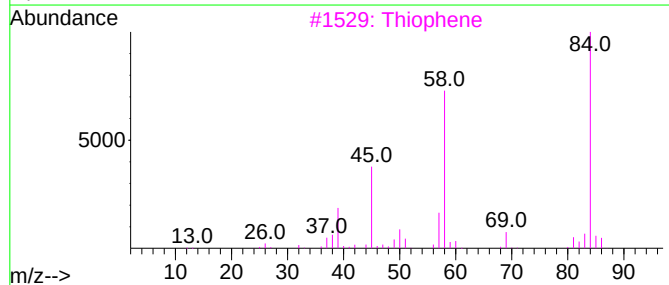
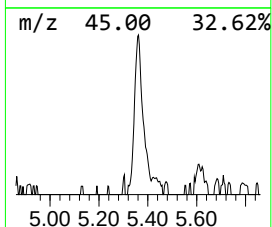
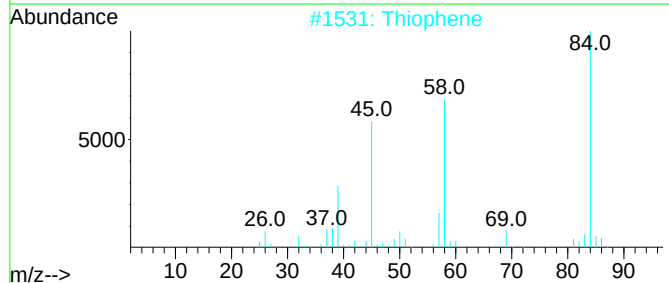
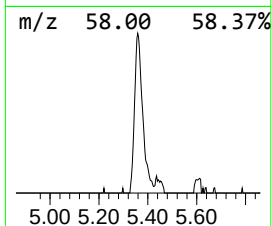
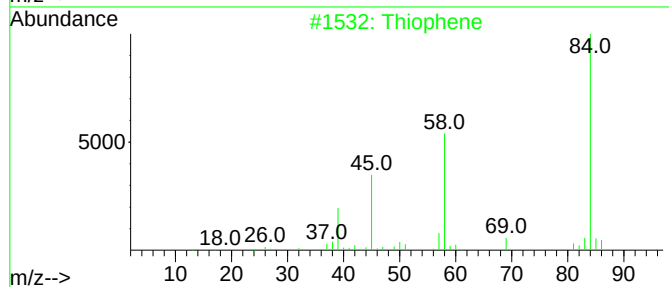
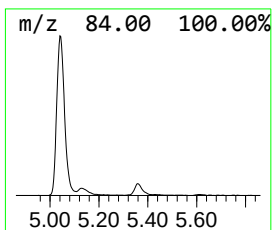
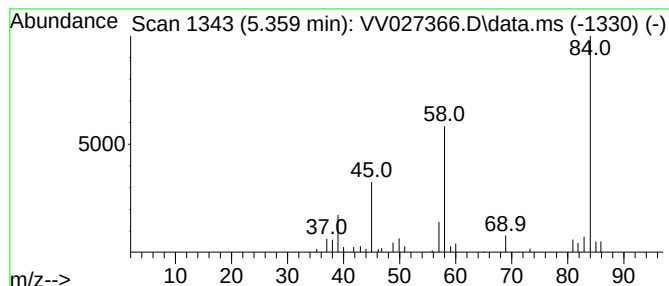
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.359	0.58 ug/L	42886	1,4-Difluorobenzene	5.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene	84	C4H4S	000110-02-1	91
2			Thiophene	84	C4H4S	000110-02-1	90
3			Thiophene	84	C4H4S	000110-02-1	90
4			Thiophene	84	C4H4S	000110-02-1	74
5			2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	32



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Thiophene	5.359	0.6	ug/L	42886	1	5.609	368439	5.0