LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112421\
Data File : VV023701.D
Acq On : 24 Nov 2021 15:29
Operator : SY/MD
Sample : M4821-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4645

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\SFAMVTR112321WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV023701.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.217	49	55	66	rVB	55680	52186	2.50%	0.624%
2	1.307	73	83	92	rBV2	201125	220889	10.58%	2.642%
3	1.484	123	138	141	rBV	20836	44876	2.15%	0.537%
4	1.568	158	164	177	rVB	65744	76789	3.68%	0.918%
5	2.111	323	333	348	rVB	120853	185227	8.87%	2.215%
6	2.764	521	536	572	rBV2	798841	1625769	77.89%	19.444%
7	3.195	657	670	683	rBV3	19508	40475	1.94%	0.484%
8	3.908	875	892	934	rBV2	839170	2087295	100.00%	24.963%
9	4.352	1011	1030	1052	rBV	81901	212208	10.17%	2.538%
10	5.050	1231	1247	1288	rBV3	181582	486318	23.30%	5.816%
11	5.619	1411	1424	1453	rBV	154134	314861	15.08%	3.766%
12	5.915	1503	1516	1542	rBV	354173	691043	33.11%	8.265%
13	6.069	1551	1564	1586	rVB2	105805	213400	10.22%	2.552%
14	6.989	1840	1850	1874	rBV2	53329	99438	4.76%	1.189%
15	7.317	1941	1952	1970	rBV	215432	378906	18.15%	4.532%
16	7.625	2038	2048	2069	rBV	30994	55812	2.67%	0.667%
17	8.088	2182	2192	2222	rBV	201405	376244	18.03%	4.500%
18	8.853	2417	2430	2452	rBV	233529	383633	18.38%	4.588%
19	10.217	2843	2854	2868	rBV	73499	119601	5.73%	1.430%
20	11.249	3164	3175	3197	rBV	227671	357031	17.10%	4.270%
21	11.625	3279	3292	3309	rBV	214815	339484	16.26%	4.060%

Sum of corrected areas: 8361485

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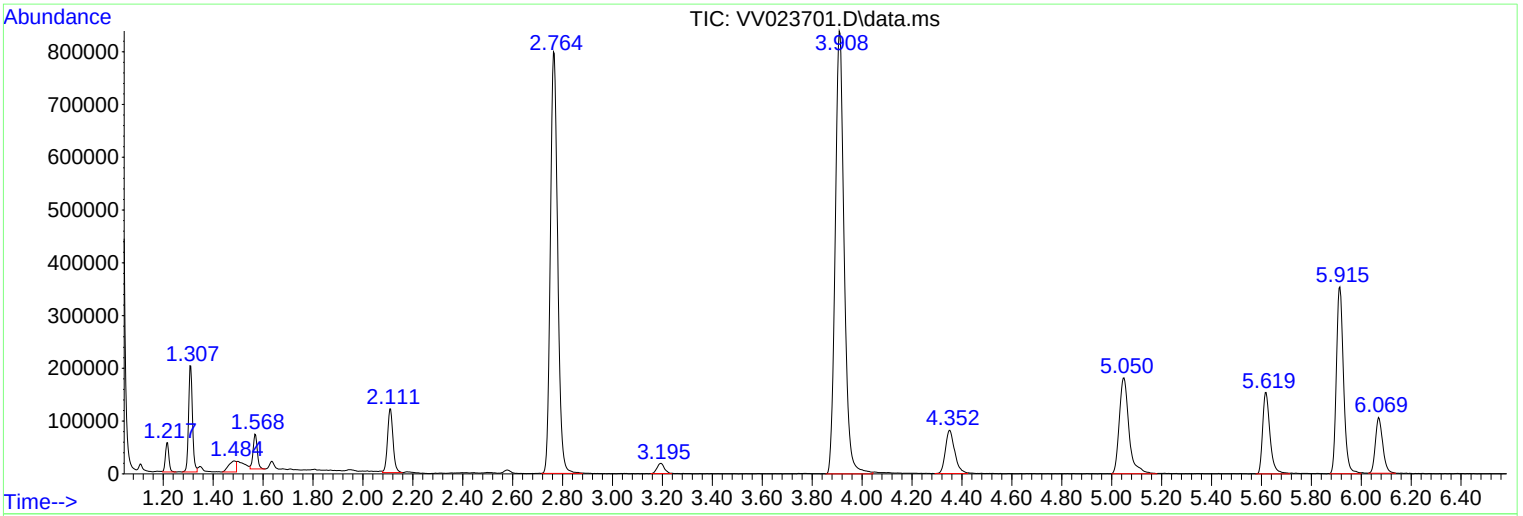
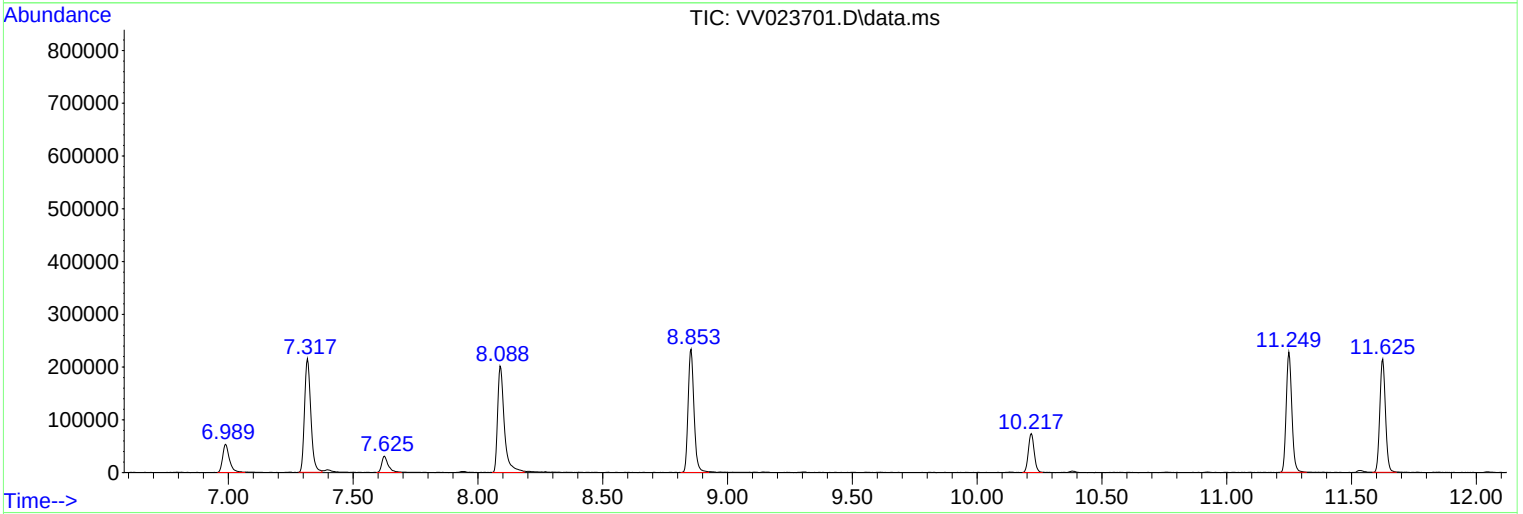
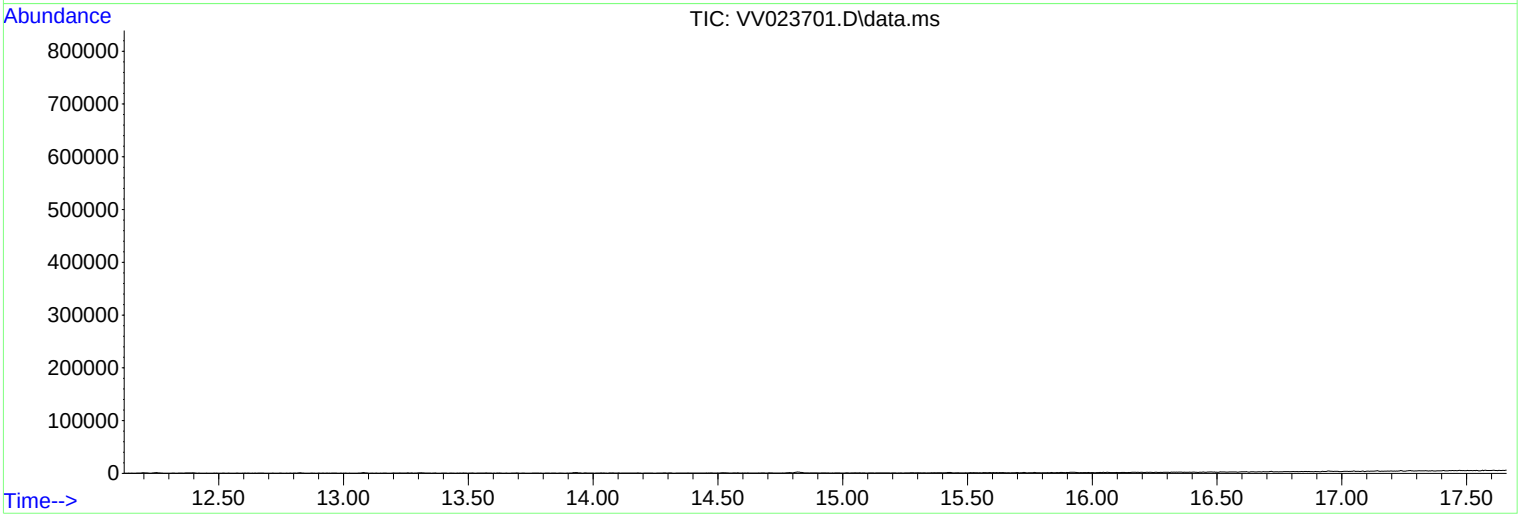
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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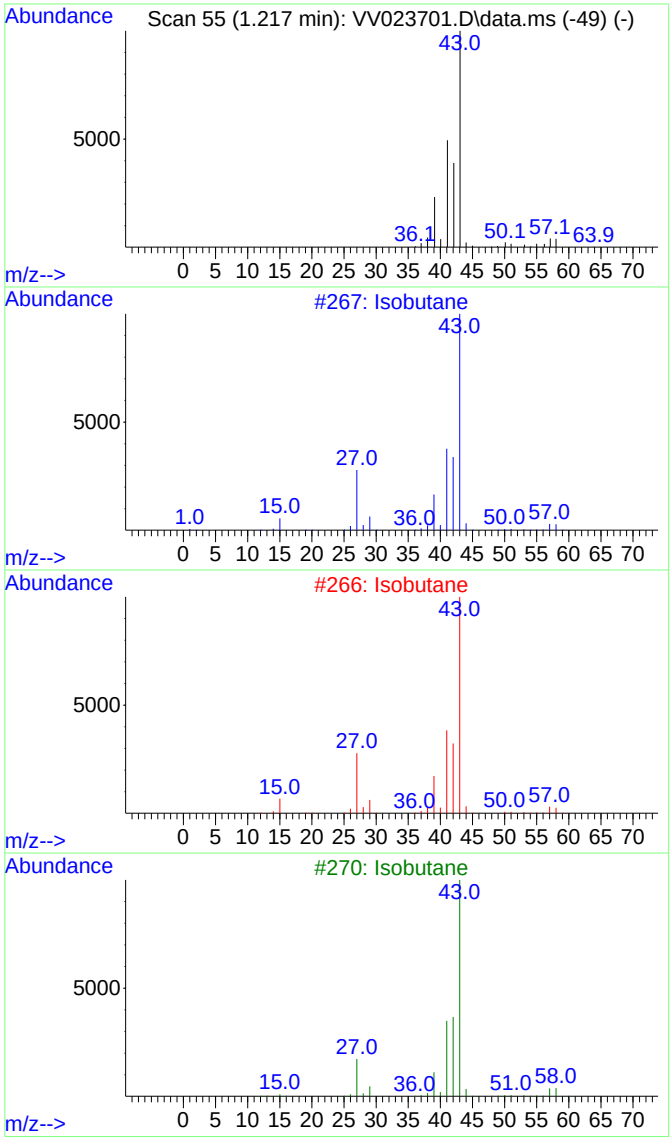
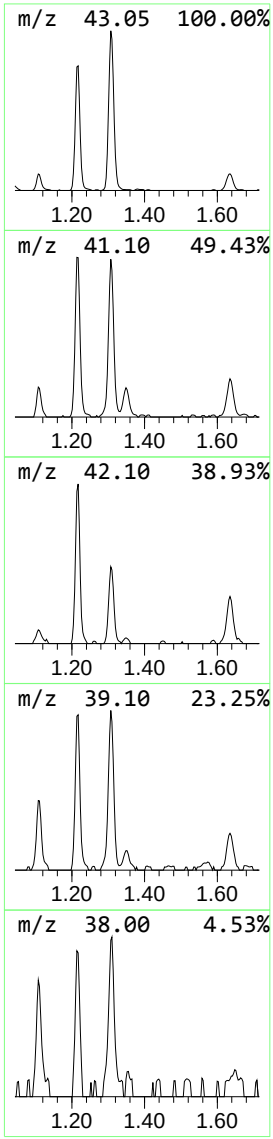
****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.217	0.83 ug/L	52186	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	72
3	Isobutane	58	C4H10	000075-28-5	72
4	Isobutane	58	C4H10	000075-28-5	72
5	Isobutane	58	C4H10	000075-28-5	56





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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
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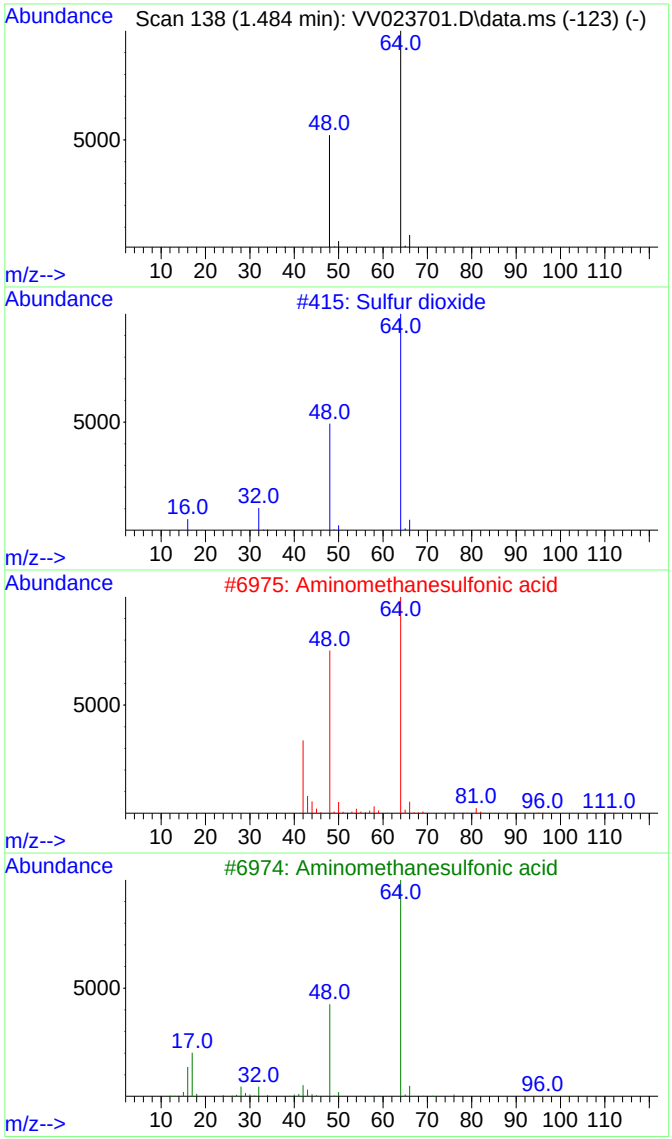
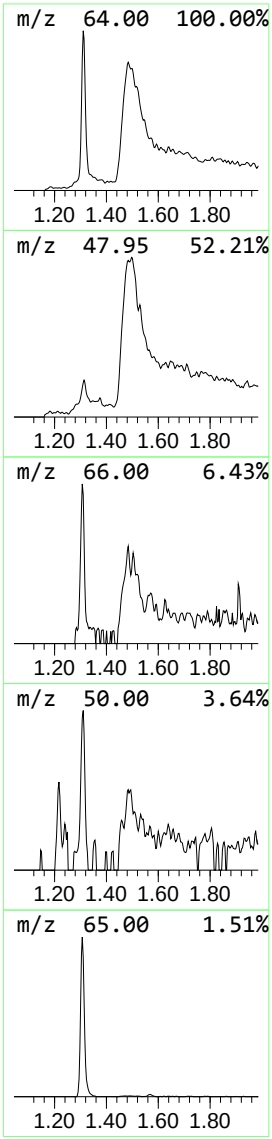
****

Peak Number 2 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.484	0.71 ug/L	44876	1,4-Difluorobenzene	5.619

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	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	Sulfur dioxide	64	O2S	007446-09-5	9
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.217	0.8	ug/L	52186	1	5.619	314861	5.0
Sulfur dioxide	1.484	0.7	ug/L	44876	1	5.619	314861	5.0