LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022224\
Data File : VV034338.D
Acq On : 22 Feb 2024 11:36
Operator : SY/MD
Sample : P1511-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCNE8

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\SFAMVTR012524WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV034338.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	41	55	65	rBV3	13908	45423	17.59%	1.697%
2	1.278	68	74	80	rBV	29015	29460	11.41%	1.101%
3	1.330	80	90	104	rBV2	33155	109930	42.57%	4.107%
4	1.532	148	153	166	rVB	31708	39024	15.11%	1.458%
5	2.059	308	317	338	rVB	66277	113251	43.85%	4.231%
6	2.243	364	374	384	rBV2	2572	3830	1.48%	0.143%
7	2.706	503	518	547	rBV	115017	258254	100.00%	9.649%
8	3.822	853	865	910	rBV4	44318	153127	59.29%	5.721%
9	4.252	984	999	1024	rBV	44067	112975	43.75%	4.221%
10	4.960	1205	1219	1249	rBV2	98910	250689	97.07%	9.366%
11	5.204	1280	1295	1316	rBV	35072	86260	33.40%	3.223%
12	5.535	1388	1398	1426	rBV	85540	178282	69.03%	6.661%
13	5.989	1528	1539	1568	rBV	54196	116984	45.30%	4.371%
14	6.918	1820	1828	1856	rBV	19099	39228	15.19%	1.466%
15	7.243	1918	1929	1954	rBV	114856	207415	80.31%	7.749%
16	7.561	2020	2028	2053	rBV2	8935	19437	7.53%	0.726%
17	8.030	2166	2174	2215	rBV	99911	227809	88.21%	8.511%
18	8.786	2399	2409	2432	rBV	127886	213591	82.71%	7.980%
19	10.152	2825	2834	2849	rBV2	39058	62976	24.39%	2.353%
20	11.185	3145	3155	3179	rBV	133349	208501	80.73%	7.790%
21	11.561	3262	3272	3289	rBV	116073	195814	75.82%	7.316%
22	15.741	4563	4572	4579	rBV8	2861	4321	1.67%	0.161%

Sum of corrected areas: 2676581

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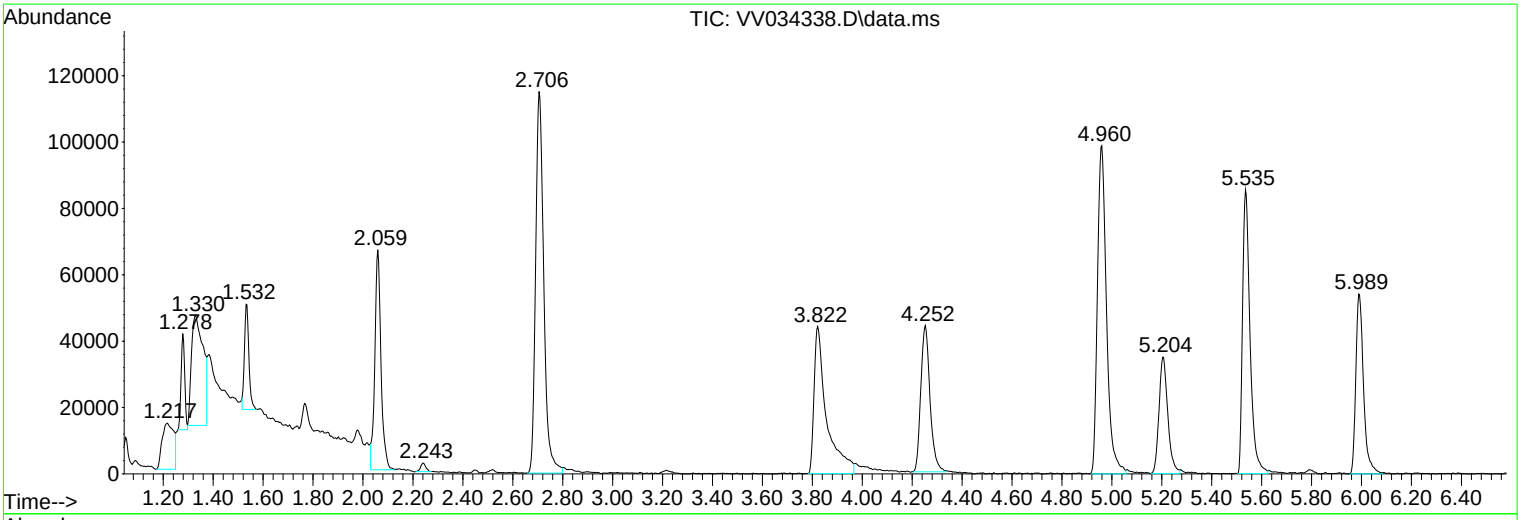
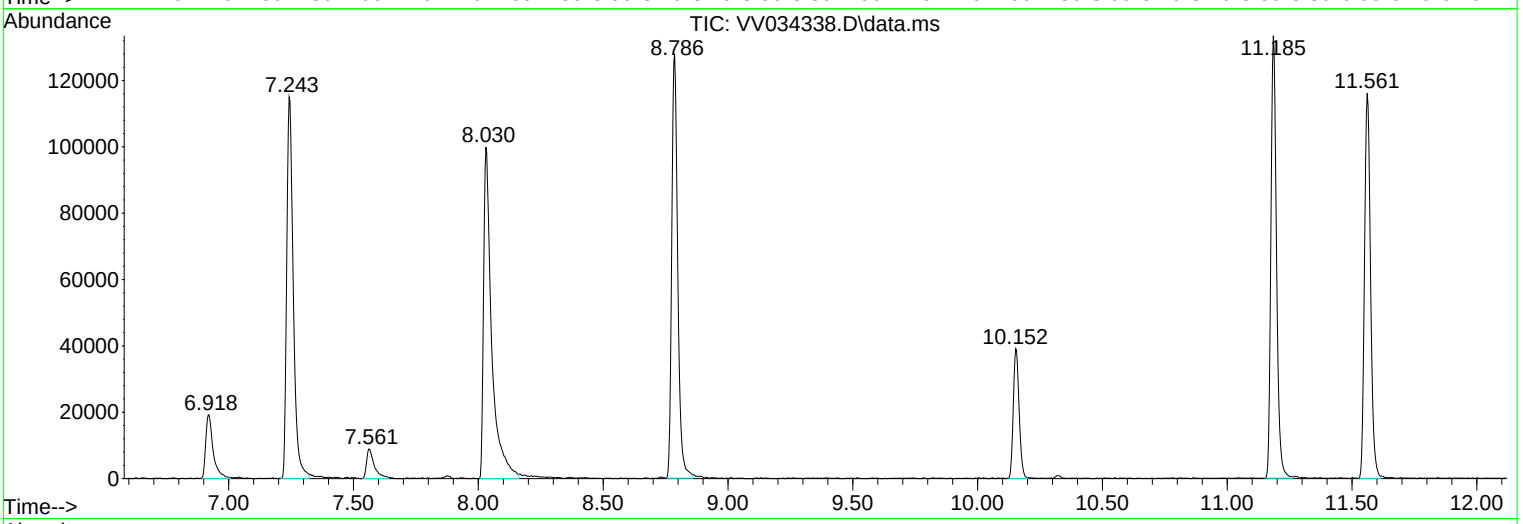
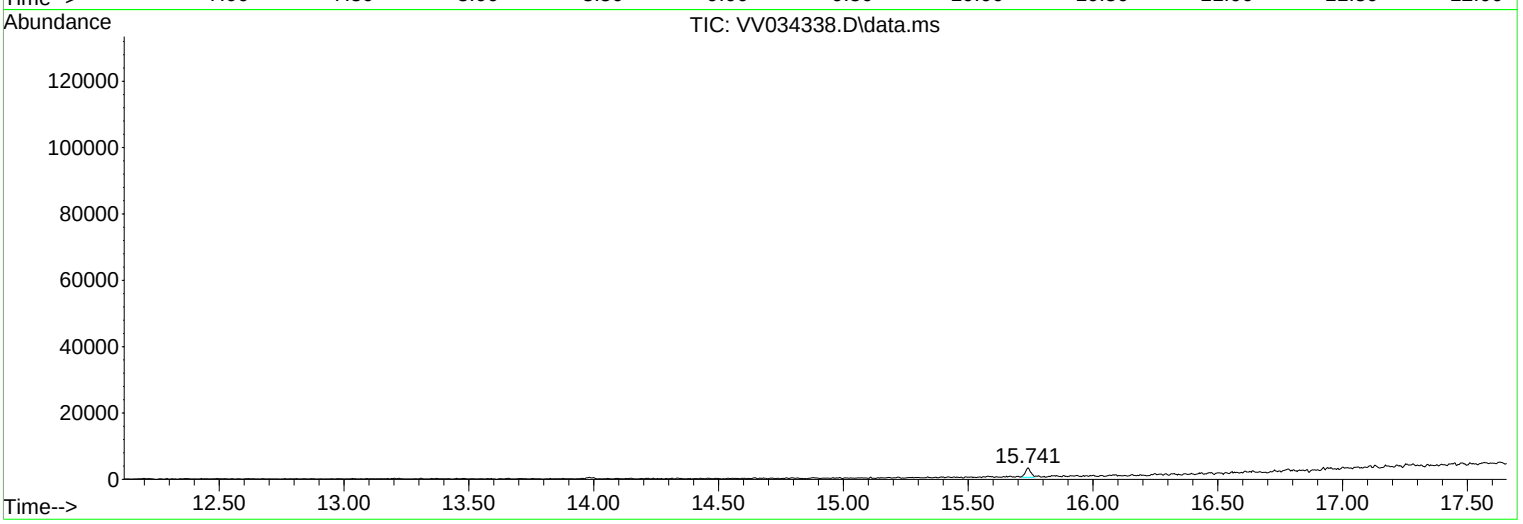
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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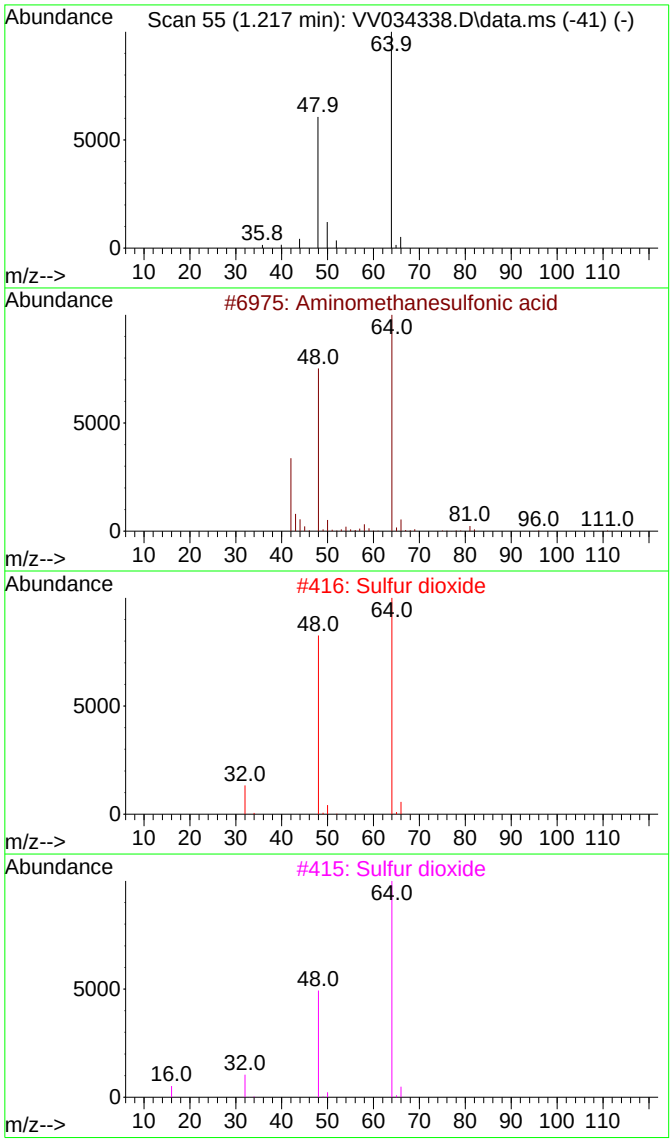
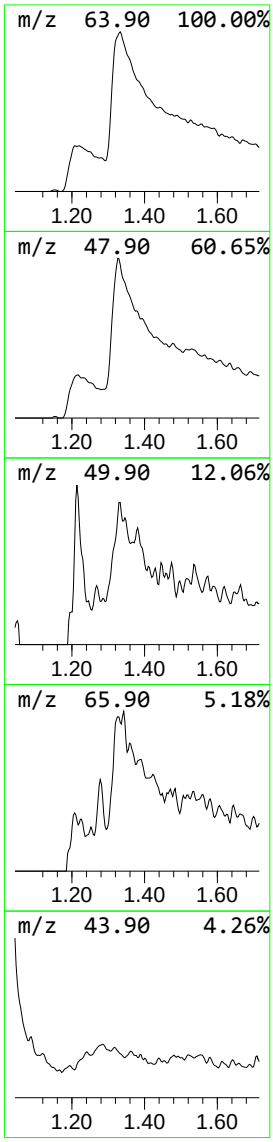
****
Peak Number 1 Aminomethanesulfonic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.217	1.27 ug/L	45423	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
2	Sulfur dioxide	64	O2S	007446-09-5	74
3	Sulfur dioxide	64	O2S	007446-09-5	74
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9





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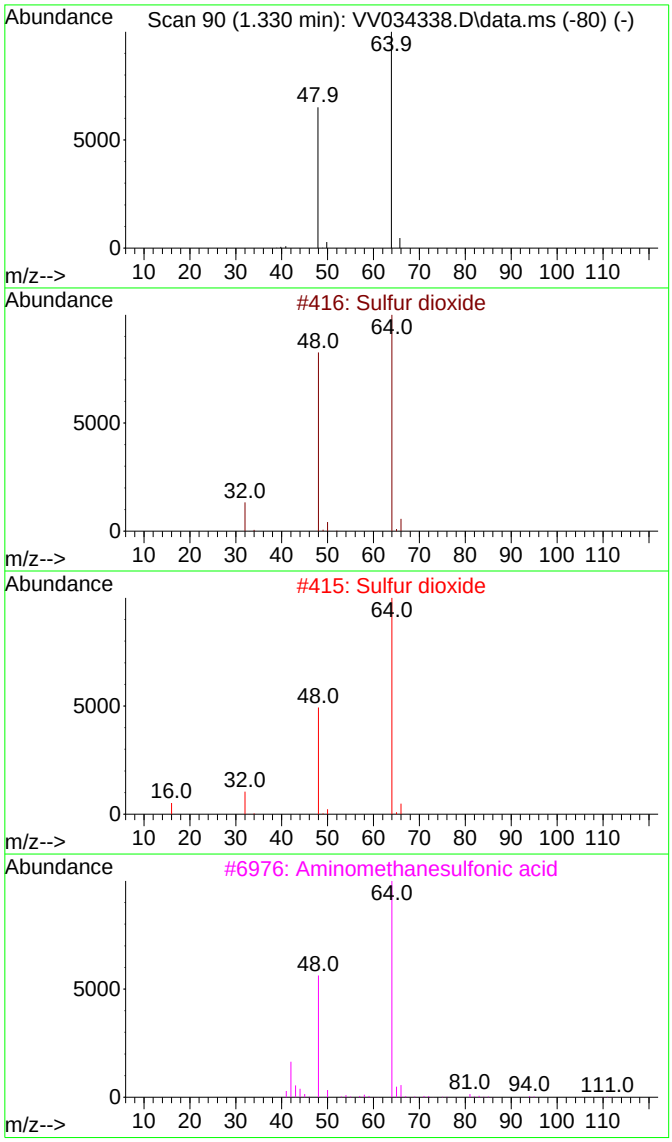
Quant Title : TRACE VOA SFAM1.0

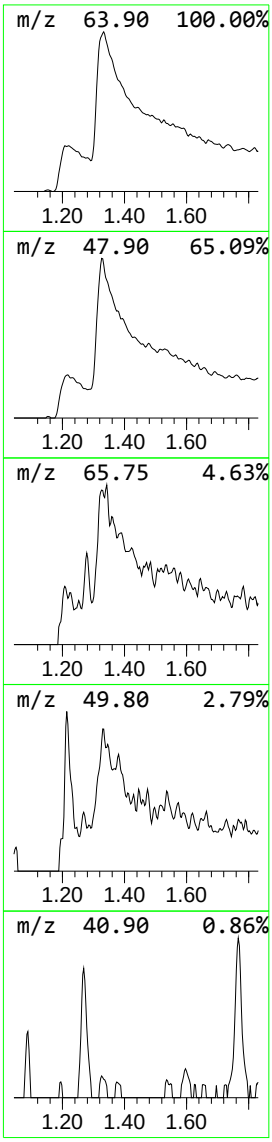
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.330	3.08 ug/L	109930	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Sulfur dioxide	64	O2S	007446-09-5	74
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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Quant Title : TRACE VOA SFAM1.0

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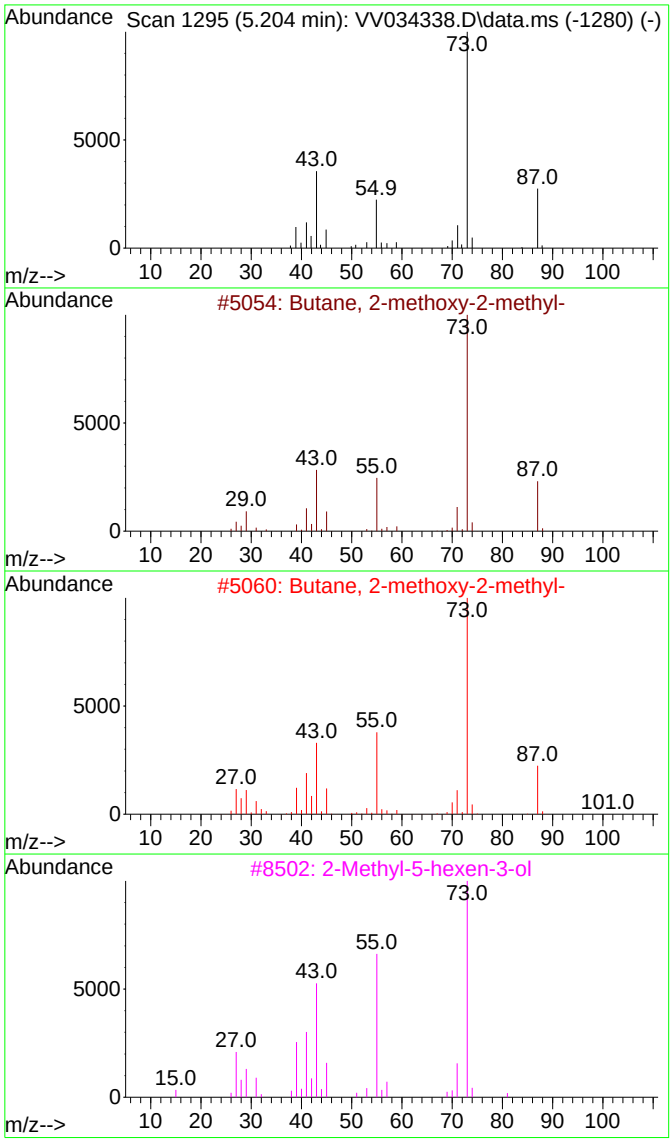
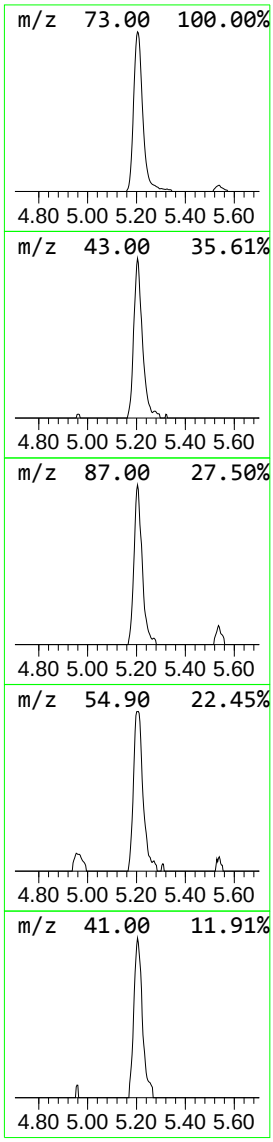
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.204	2.42 ug/L	86260	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Aminomethanesul...	1.217	1.3	ug/L	45423	1	5.535	178282	5.0
Sulfur dioxide	1.330	3.1	ug/L	109930	1	5.535	178282	5.0
Butane, 2-metho...	5.204	2.4	ug/L	86260	1	5.535	178282	5.0