LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
Data File : VV029095.D
Acq On : 18 Nov 2022 04:13
Operator : SY/MD
Sample : N5648-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46E0

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\SFAMVTR111122WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV029095.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.214	48	54	59	rBV	86756	88689	1.96%	0.604%
2	1.310	75	84	93	rBV2	457083	499075	11.04%	3.397%
3	1.400	100	112	145	rBV	98857	361248	7.99%	2.459%
4	1.568	158	164	177	rVB	82015	97999	2.17%	0.667%
5	2.108	322	332	351	rVB	179738	282988	6.26%	1.926%
6	2.574	467	477	495	rVB	34056	62924	1.39%	0.428%
7	2.760	519	535	571	rBV2	1239164	2486732	55.02%	16.927%
8	3.185	654	667	690	rVB2	31391	71066	1.57%	0.484%
9	3.902	875	890	940	rBV	1842758	4519625	100.00%	30.765%
10	4.342	1006	1027	1060	rBV	134730	342752	7.58%	2.333%
11	5.043	1229	1245	1292	rBV2	311170	841244	18.61%	5.726%
12	5.612	1411	1422	1453	rBV	271024	565643	12.52%	3.850%
13	5.911	1503	1515	1544	rBV	209453	432126	9.56%	2.941%
14	6.066	1549	1563	1591	rVV2	169679	355179	7.86%	2.418%
15	6.985	1838	1849	1871	rBV	73301	143480	3.17%	0.977%
16	7.310	1937	1950	1983	rBV	379533	699170	15.47%	4.759%
17	7.622	2038	2047	2064	rBV	38869	70602	1.56%	0.481%
18	8.088	2182	2192	2224	rBV2	286447	704439	15.59%	4.795%
19	8.847	2416	2428	2456	rBV	384239	655702	14.51%	4.463%
20	10.210	2840	2852	2874	rBV	136961	226253	5.01%	1.540%
21	11.242	3162	3173	3197	rBV	362158	597757	13.23%	4.069%
22	11.615	3276	3289	3314	rBV	360621	586261	12.97%	3.991%

Sum of corrected areas: 14690954

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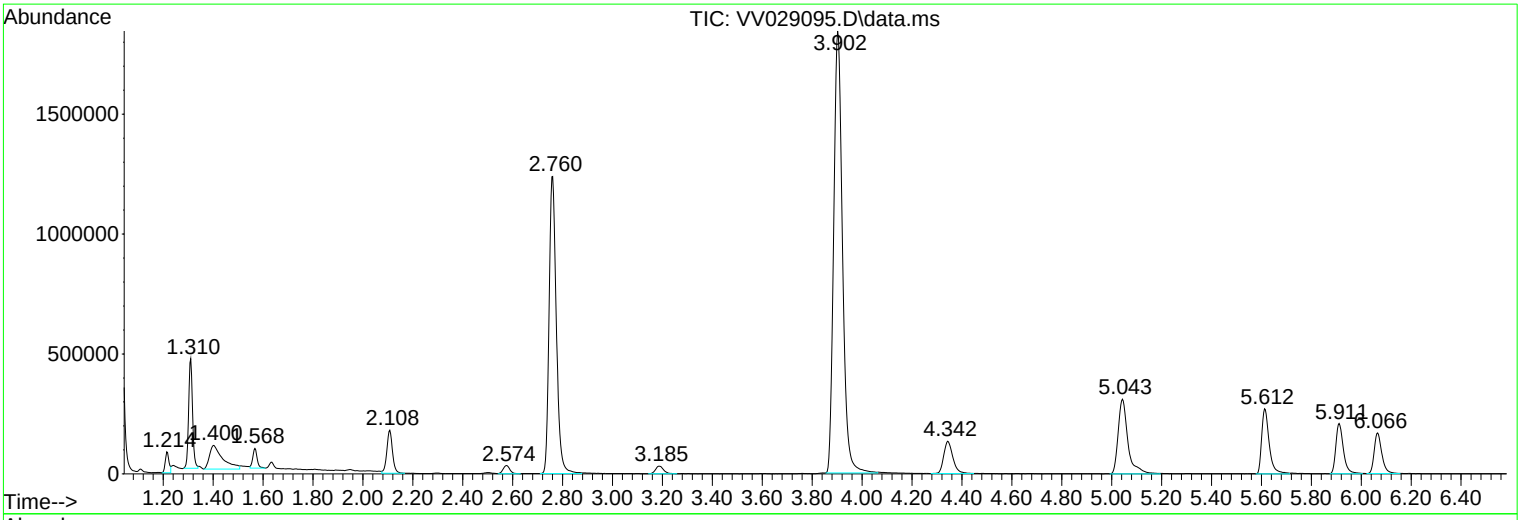
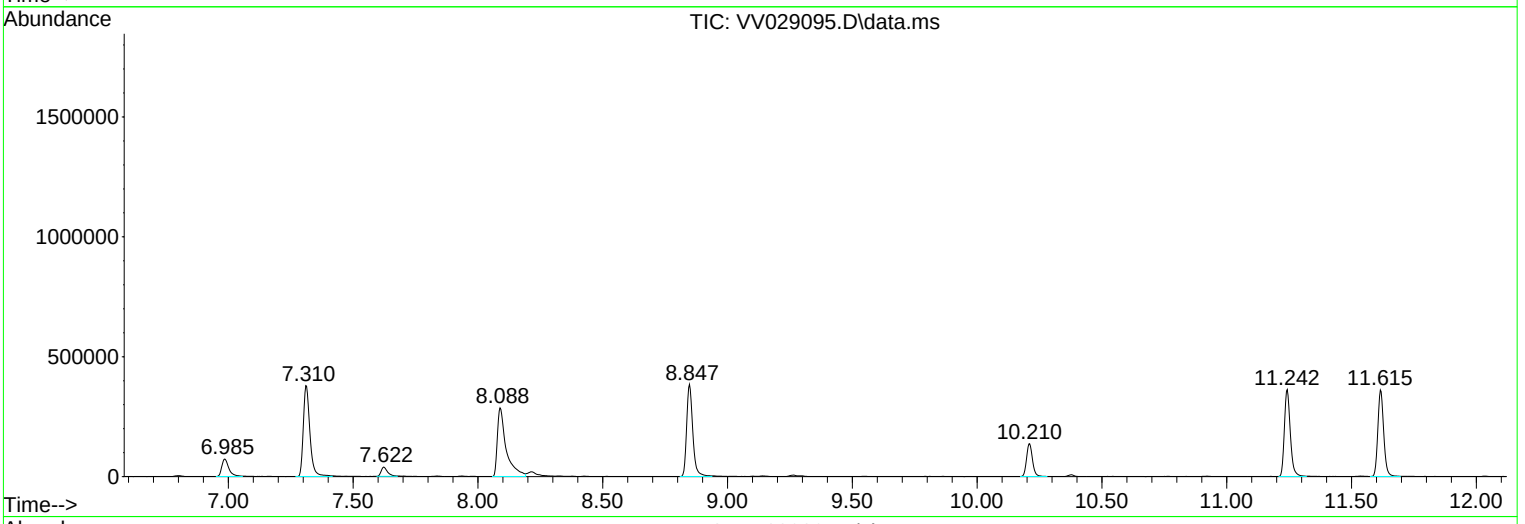
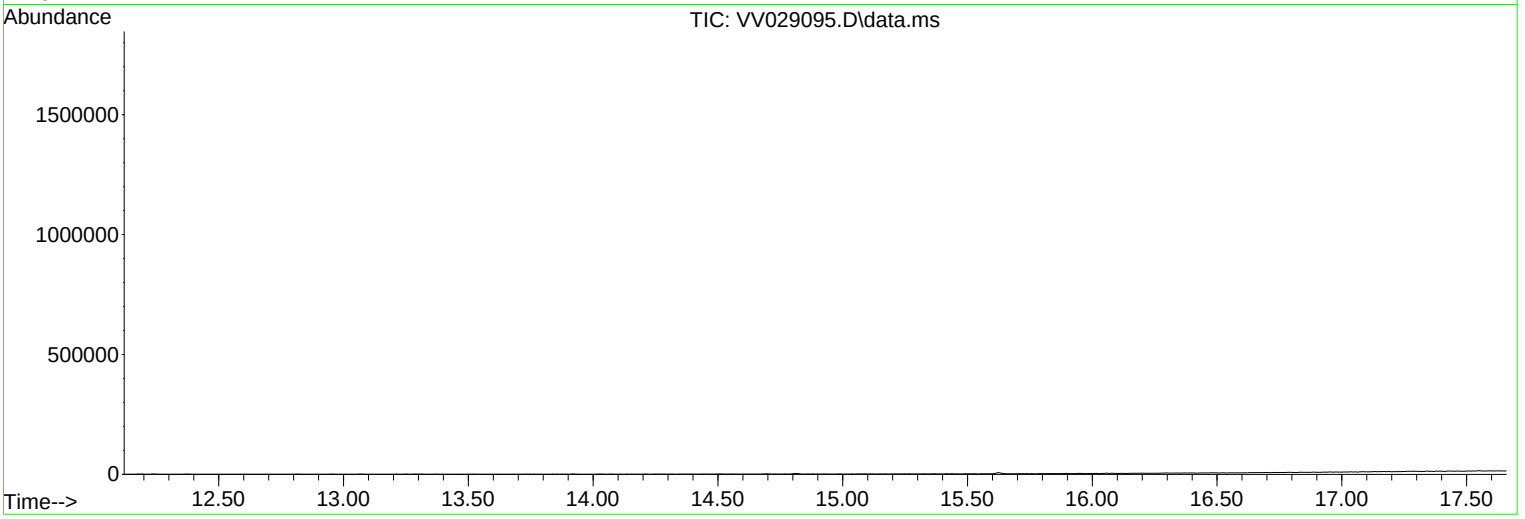
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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Quant Title : TRACE VOA SFAM1.0

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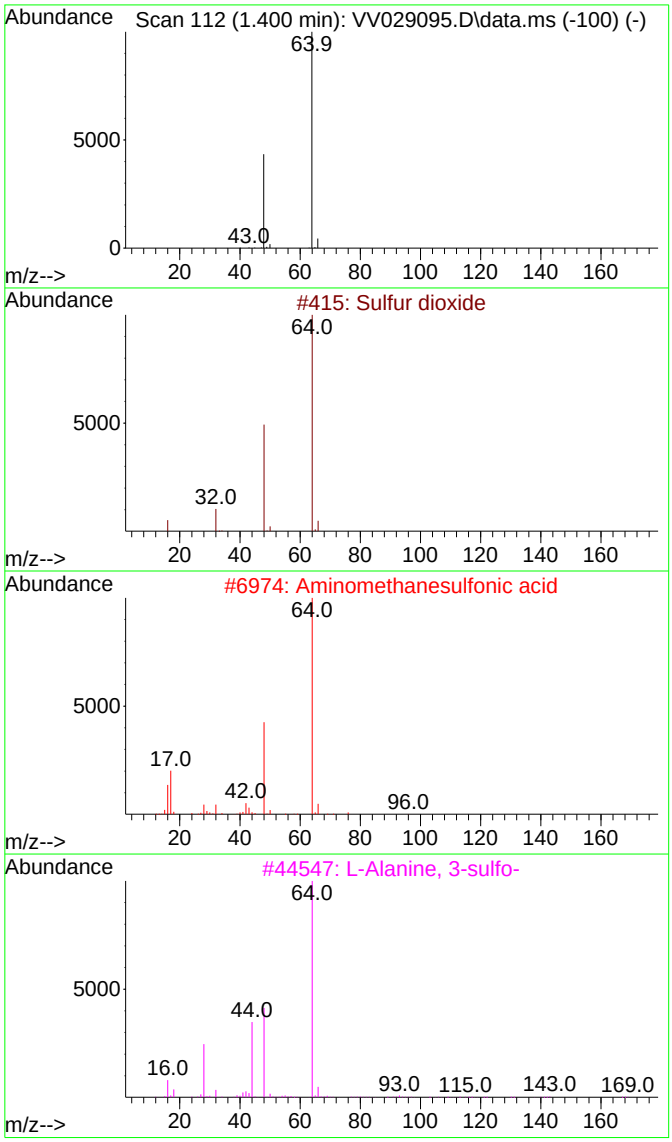
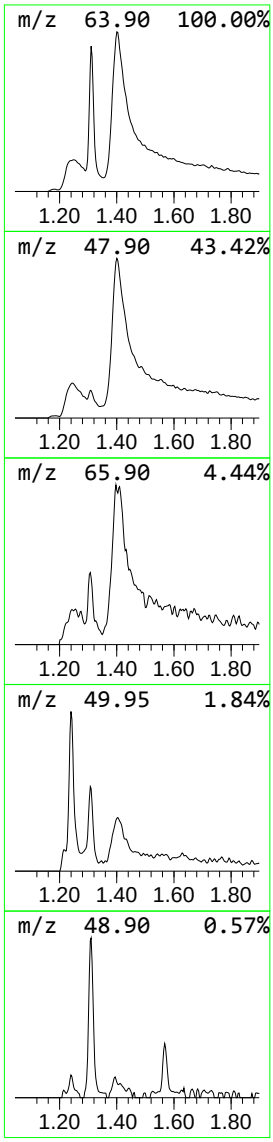
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.400	3.19 ug/L	361248	1,4-Difluorobenzene	5.612

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	64
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Sulfur dioxide	64	O2S	007446-09-5	7
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

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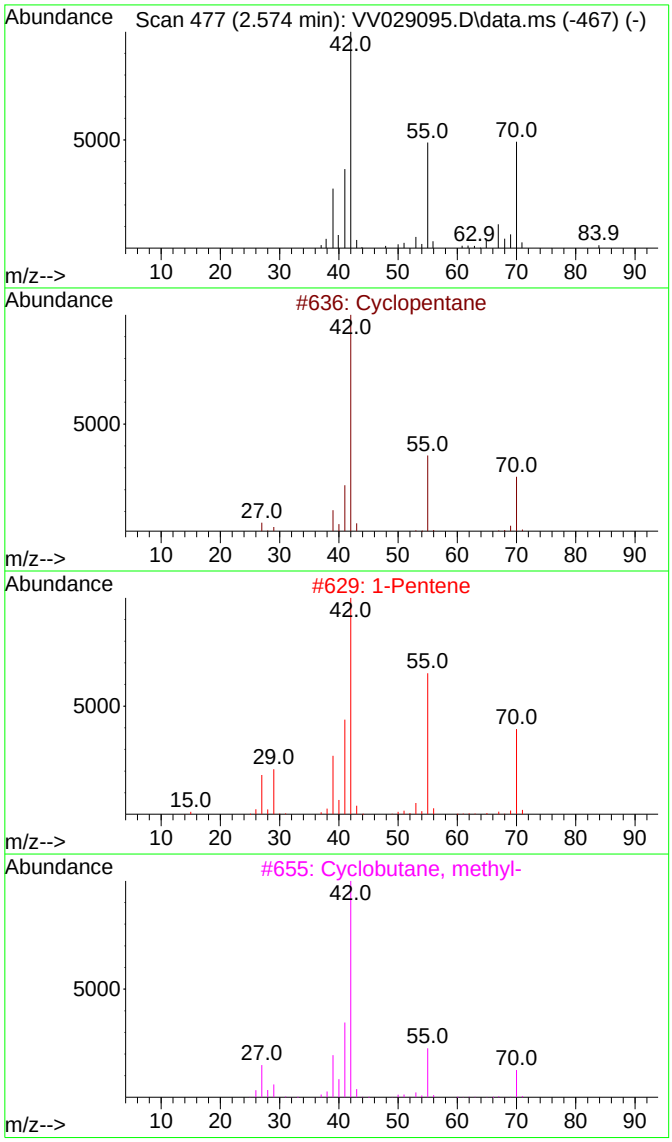
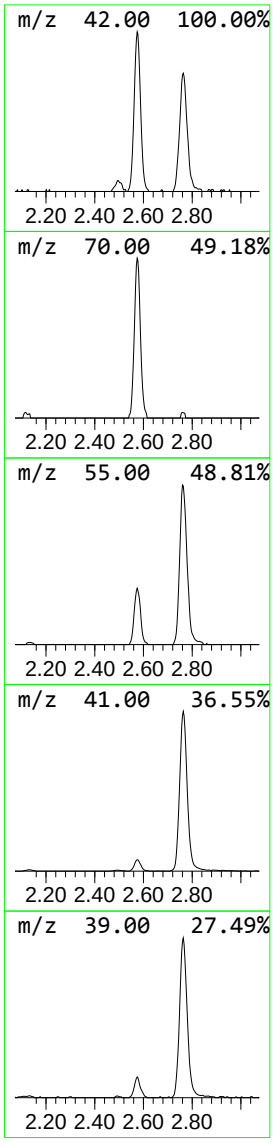
Peak Number 2 (DEL) Alkane: Cyclic2.574 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.574	0.56 ug/L	62924	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	80
2	1-Pentene	70	C5H10	000109-67-1	72
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
4	Cyclopentane	70	C5H10	000287-92-3	72
5	Cyclopentane	70	C5H10	000287-92-3	64





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SFAM1.0

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.400	3.2	ug/L	361248	1	5.612	565643	5.0
(DEL) Alkane: C...	2.574	0.6	ug/L	62924	1	5.612	565643	5.0