LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
Data File : VU049270.D
Acq On : 18 Jun 2022 01:42
Operator : SY/MD
Sample : N3285-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW4R4

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_U\Method\SFAMUTR061422WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU049270.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.362	3	7	22	rVB	54731	54980	10.44%	1.424%
2	1.523	32	57	68	rBV2	36810	136705	25.97%	3.541%
3	1.594	74	79	89	rVB2	66028	69109	13.13%	1.790%
4	1.909	171	177	186	rVB	40858	50353	9.57%	1.304%
5	1.970	189	196	210	rBV	12595	30071	5.71%	0.779%
6	2.562	370	380	394	rVB	73026	116793	22.19%	3.025%
7	2.784	442	449	462	rVB2	14143	24184	4.59%	0.626%
8	3.041	520	529	541	rVB3	5226	9218	1.75%	0.239%
9	4.671	1023	1036	1083	rBV	48068	211219	40.13%	5.471%
10	5.066	1143	1159	1182	rVB	76325	183362	34.83%	4.749%
11	5.722	1344	1363	1395	rBV2	155037	393747	74.80%	10.199%
12	6.250	1513	1527	1550	rBV	155553	292443	55.56%	7.575%
13	6.690	1650	1664	1681	rBV	97392	190940	36.27%	4.946%
14	7.568	1925	1937	1949	rBV	47061	82760	15.72%	2.144%
15	7.896	2022	2039	2053	rBV	168742	296476	56.32%	7.679%
16	7.970	2054	2062	2079	rVB2	7676	14246	2.71%	0.369%
17	8.182	2116	2128	2144	rBV	28506	47432	9.01%	1.229%
18	8.639	2257	2270	2300	rBV	279846	526382	100.00%	13.634%
19	9.417	2498	2512	2532	rBV	216722	354758	67.40%	9.189%
20	10.758	2917	2929	2941	rBV	81409	128874	24.48%	3.338%
21	11.812	3245	3257	3278	rBV	219112	349426	66.38%	9.051%
22	12.063	3324	3335	3349	rBV4	6324	12394	2.35%	0.321%
23	12.192	3364	3375	3394	rVB	176725	284825	54.11%	7.378%

Sum of corrected areas: 3860697

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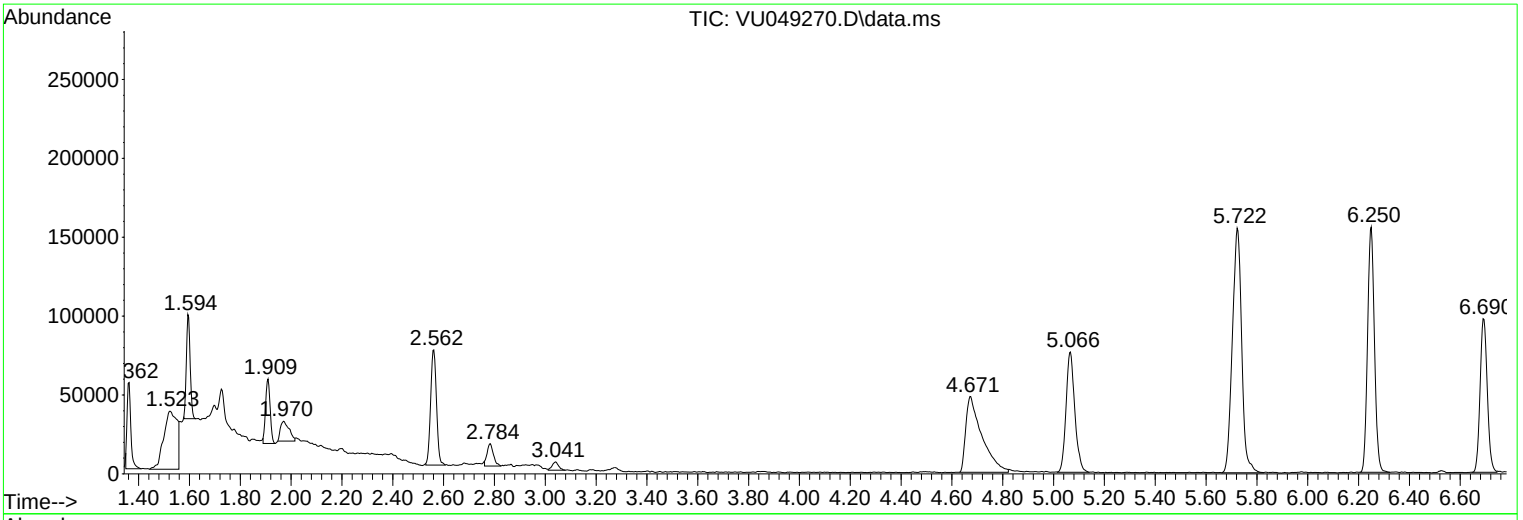
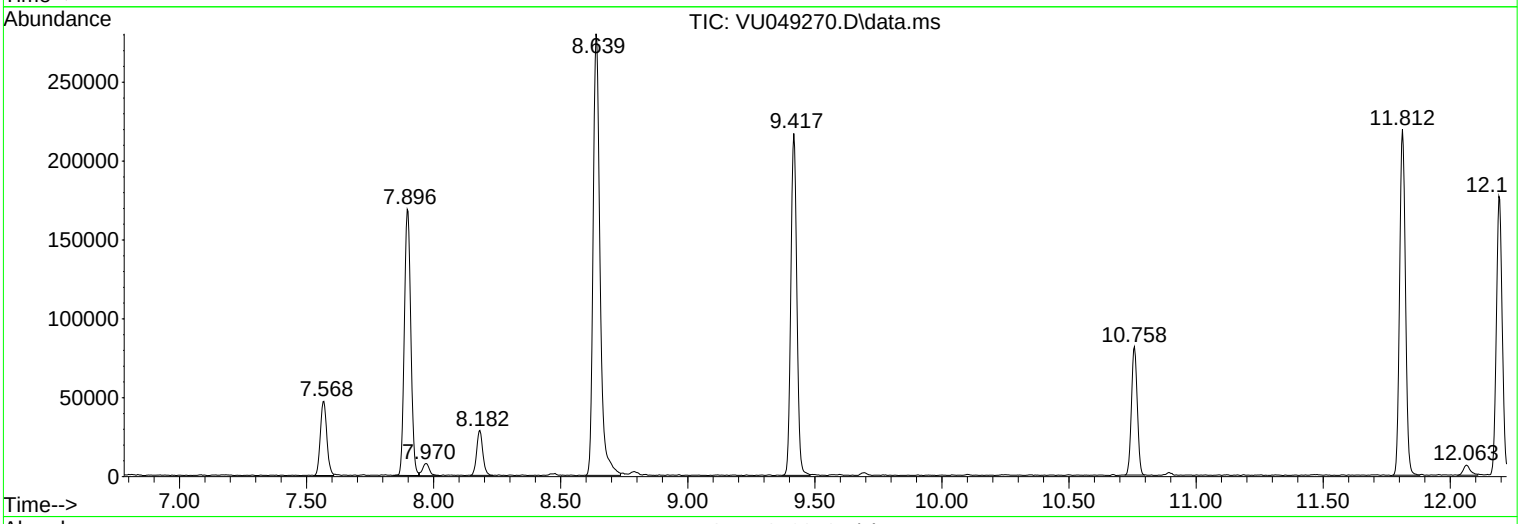
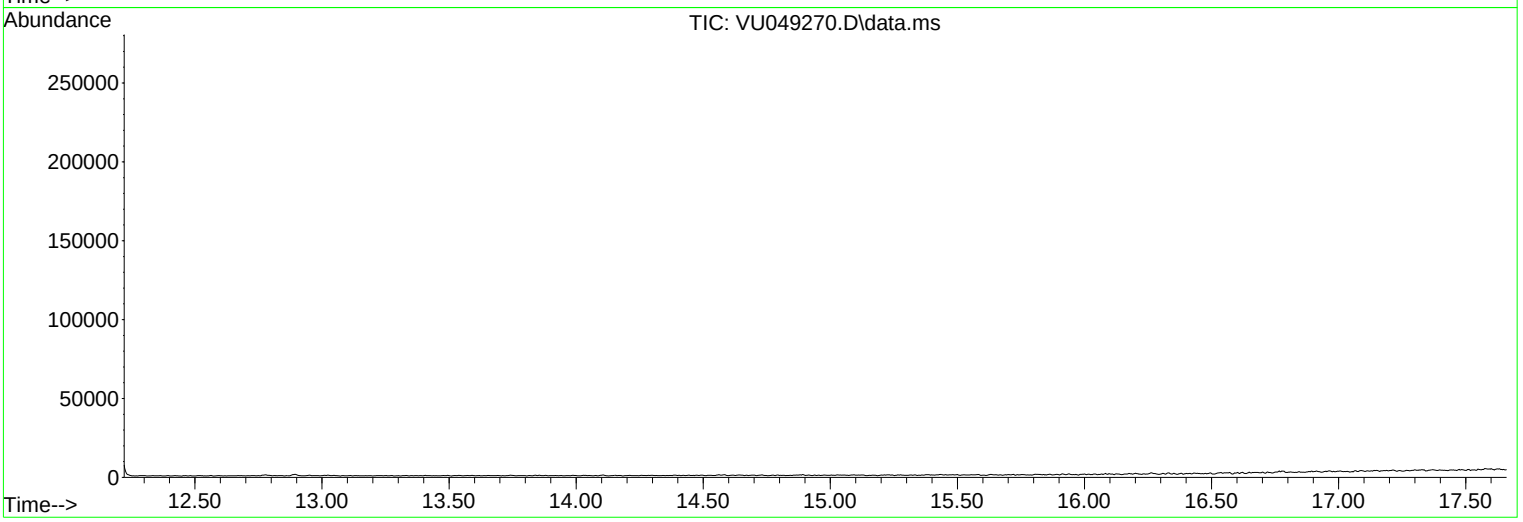
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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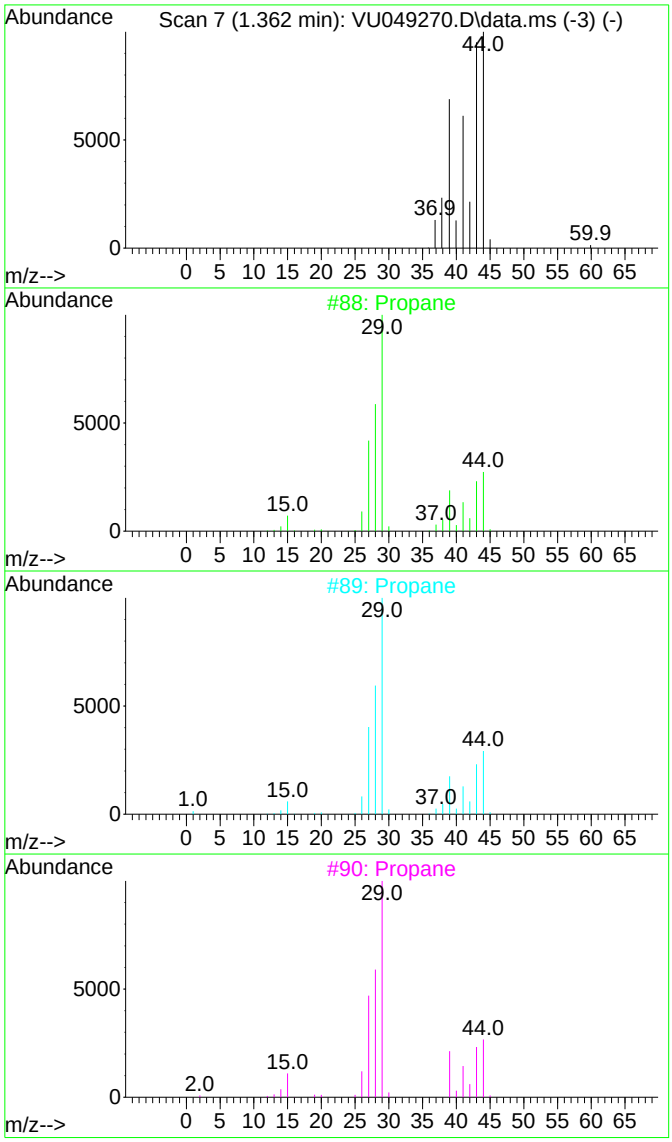
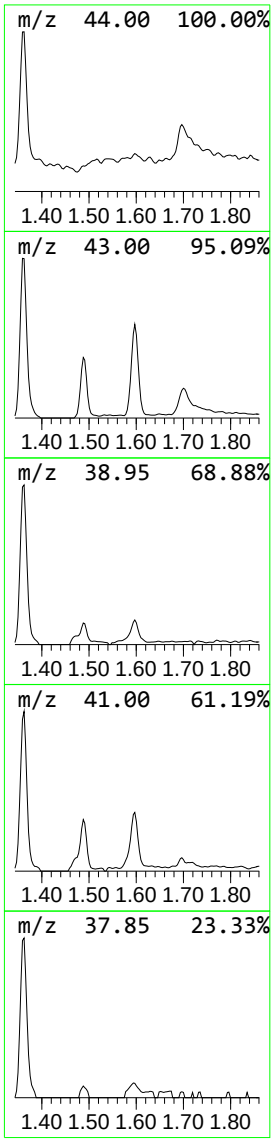
****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.362	0.94 ug/L	54980	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	90
2	Propane	44	C3H8	000074-98-6	83
3	Propane	44	C3H8	000074-98-6	9
4	Acetaldehyde	44	C2H4O	000075-07-0	5
5	Acetaldehyde	44	C2H4O	000075-07-0	5





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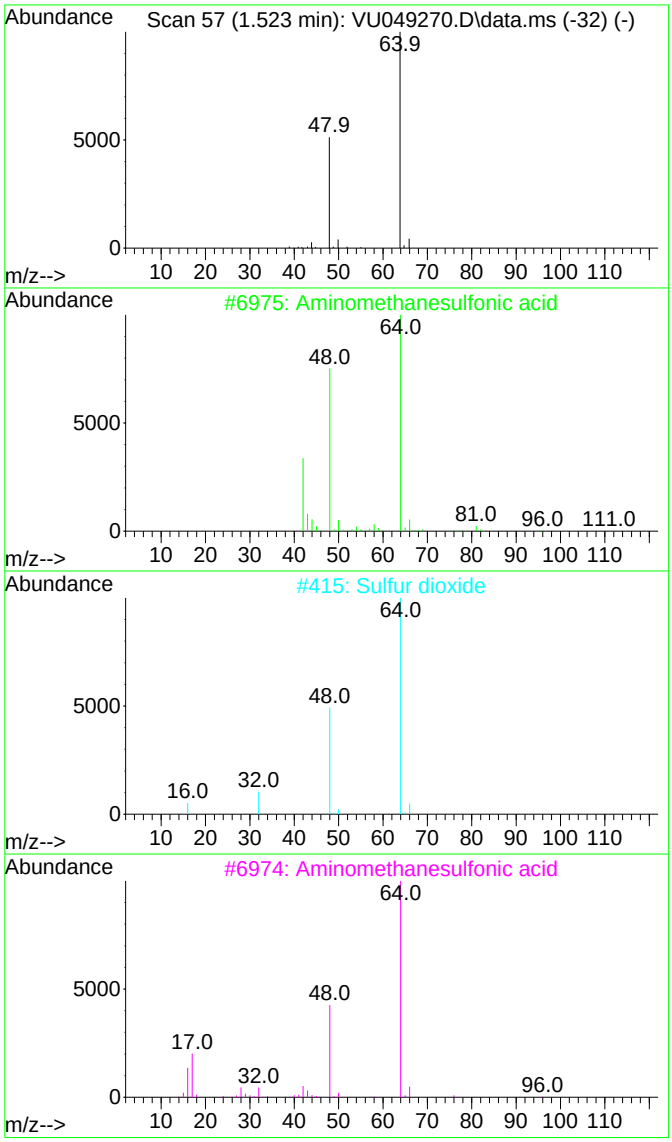
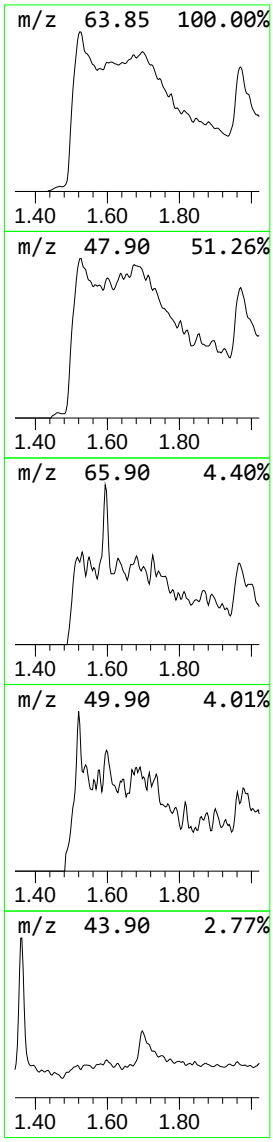
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Aminomethanesulfonic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.523	2.34 ug/L	136705	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	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

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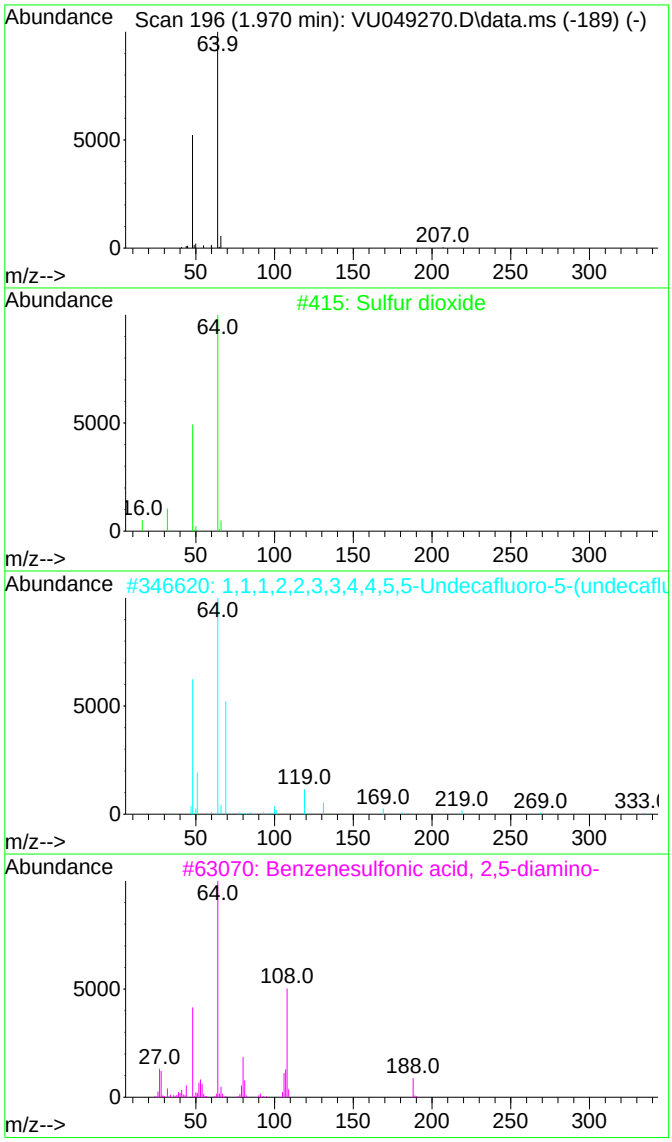
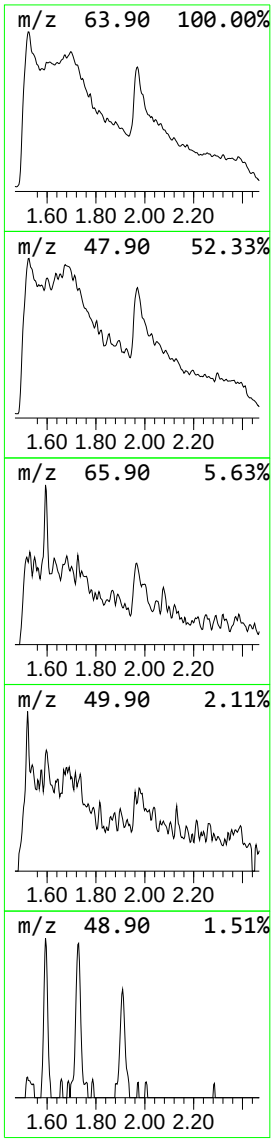
****

Peak Number 3 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.970	0.51 ug/L	30071	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	1,1,1,2,2,3,3,4,4,5,5-Undecafluo...	602	C10F22O2S	1000486-78-5	64
3	Benzenesulfonic acid, 2,5-diamino-	188	C6H8N2O3S	000088-45-9	9
4	4,6-Diamino-5-pyrimidinyl hydrog...	206	C4H6N4O4S	071525-41-2	9
5	(N-(-2-Acetamido))-2-aminoethane...	182	C4H10N2O4S	007365-82-4	9





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.362	0.9	ug/L	54980	1	6.250	292443	5.0
Aminomethanesul...	1.523	2.3	ug/L	136705	1	6.250	292443	5.0
Sulfur dioxide	1.970	0.5	ug/L	30071	1	6.250	292443	5.0