LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
Data File : VU063131.D
Acq On : 04 Feb 2025 20:10
Operator : MD/SY
Sample : Q1227-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2981

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\SFAMUTR020425WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU063131.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.354	14	20	36	rBV2	23880	27844	10.20%	1.245%
2	1.460	45	53	80	rBV	31303	63629	23.32%	2.846%
3	1.592	87	94	105	rBV2	37232	43075	15.78%	1.926%
4	1.724	129	135	139	rBV	4204	4836	1.77%	0.216%
5	1.769	143	149	160	rVB5	5264	8944	3.28%	0.400%
6	1.901	183	190	209	rVB	28220	38832	14.23%	1.737%
7	2.554	381	393	407	rBV	48462	78974	28.94%	3.532%
8	2.615	407	412	421	rVV2	2157	3517	1.29%	0.157%
9	2.779	447	463	477	rVB	5630	10164	3.72%	0.455%
10	3.171	576	585	597	rBV	1369	2792	1.02%	0.125%
11	4.608	1023	1032	1062	rBV	44194	108791	39.87%	4.866%
12	5.049	1155	1169	1193	rBV	47362	105920	38.81%	4.737%
13	5.714	1357	1376	1401	rBV2	94170	250305	91.72%	11.195%
14	6.238	1527	1539	1564	rBV	95364	183044	67.08%	8.186%
15	6.679	1664	1676	1696	rBV	60217	116639	42.74%	5.217%
16	7.557	1938	1949	1972	rBV	27758	48160	17.65%	2.154%
17	7.888	2041	2052	2069	rBV	108172	188955	69.24%	8.451%
18	7.962	2071	2075	2090	rVB2	2312	3780	1.39%	0.169%
19	8.171	2128	2140	2164	rBB	16036	28737	10.53%	1.285%
20	8.621	2270	2280	2313	rBV	144144	272891	100.00%	12.205%
21	9.409	2513	2525	2551	rBV	135847	231390	84.79%	10.349%
22	10.746	2931	2941	2960	rVB	46976	76911	28.18%	3.440%
23	11.804	3259	3270	3295	rBV	112304	187009	68.53%	8.364%
24	12.183	3377	3388	3415	rBV	89745	150794	55.26%	6.744%

Sum of corrected areas: 2235933

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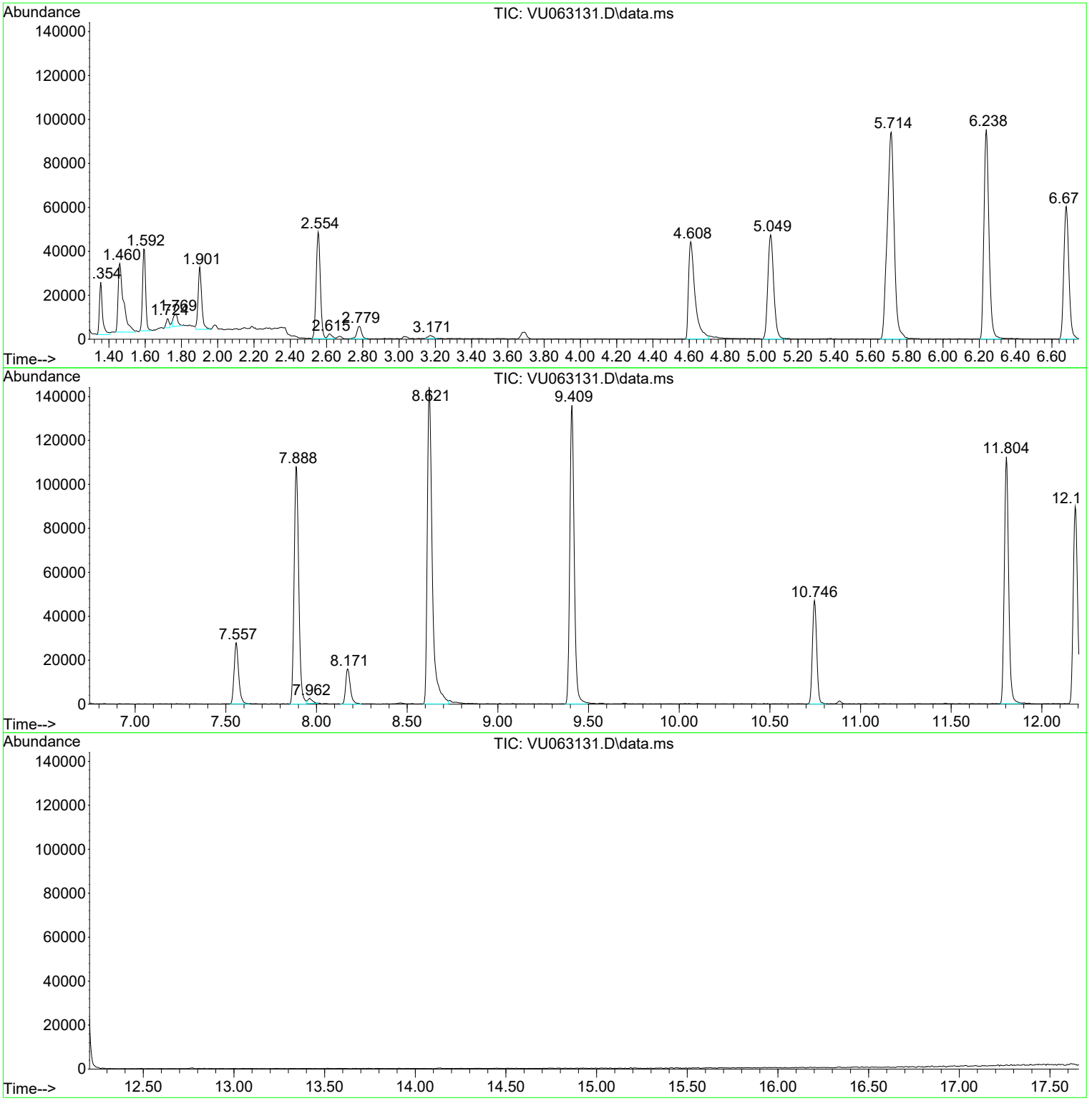
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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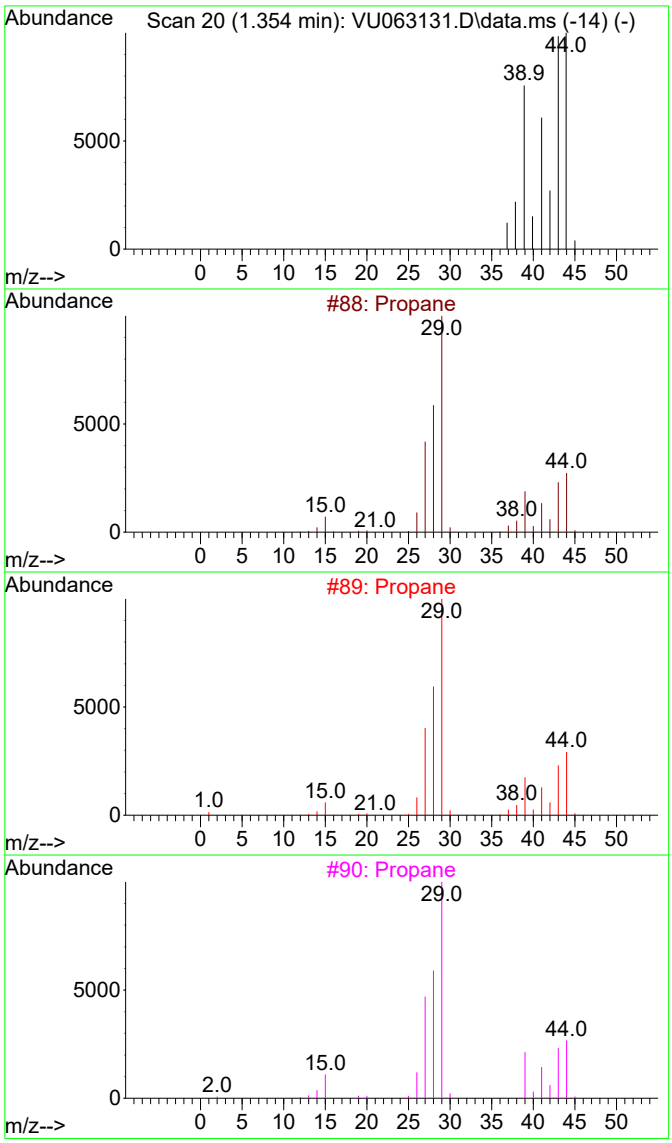
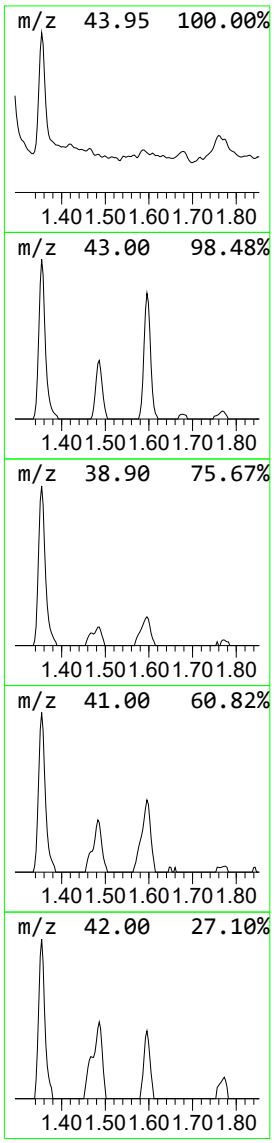
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.354	0.76 ug/L	27844	1,4-Difluorobenzene	6.238

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	Propene	42	C3H6	000115-07-1	4
5	Alanine	89	C3H7NO2	000056-41-7	2





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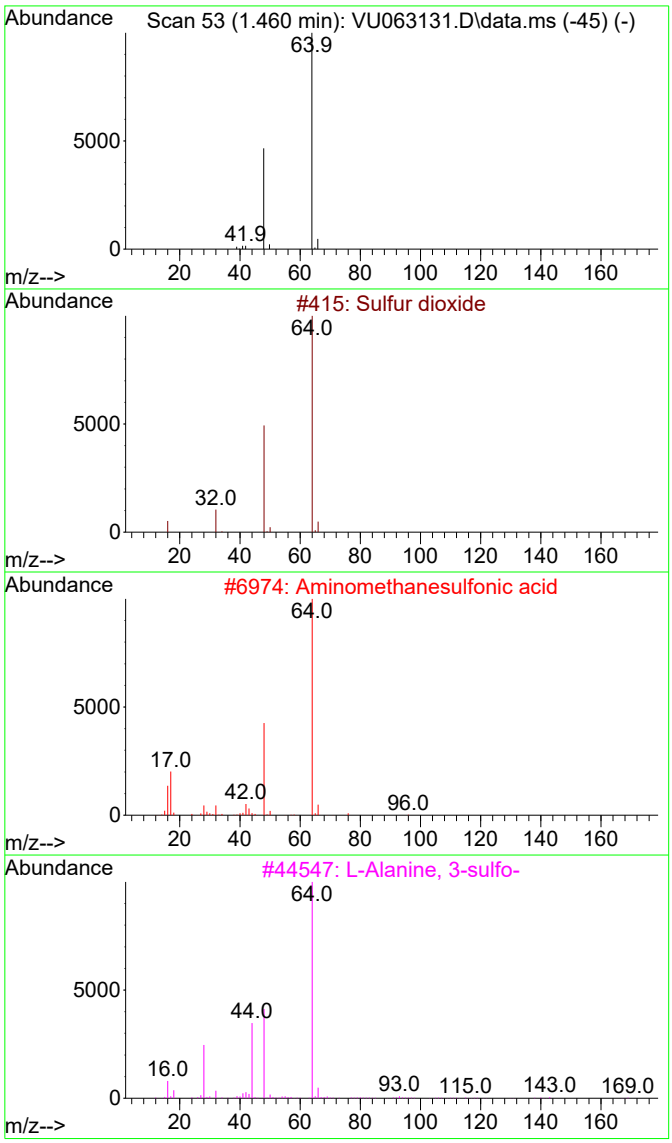
Quant Title : TRACE VOA SFAM1.0

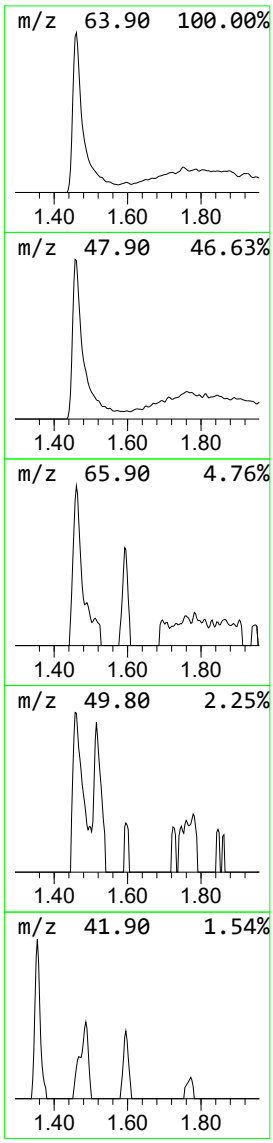
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.460	1.74 ug/L	63629	1,4-Difluorobenzene	6.238

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	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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
(DEL) Alkane: S...	1.354	0.8	ug/L	27844	1	6.238	183044	5.0
Sulfur dioxide	1.460	1.7	ug/L	63629	1	6.238	183044	5.0