LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
Data File : VU058571.D
Acq On : 10 Apr 2024 19:40
Operator : MD/SY
Sample : P2013-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MB7

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\SFAMUTR040424WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU058571.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	12	20	41	rBV	3246284	3274520	100.00%	43.780%
2	1.483	52	60	79	rVB	717012	718038	21.93%	9.600%
3	1.596	86	95	105	rBV2	540874	587388	17.94%	7.853%
4	1.904	183	191	200	rBV	31235	38953	1.19%	0.521%
5	1.988	207	217	233	rVB	142988	196820	6.01%	2.631%
6	2.560	383	395	412	rVB	54860	94159	2.88%	1.259%
7	3.129	559	572	588	rVB	32150	63574	1.94%	0.850%
8	3.345	628	639	661	rBV3	42489	87425	2.67%	1.169%
9	4.522	990	1005	1021	rVB2	19517	46407	1.42%	0.620%
10	4.653	1026	1046	1070	rBV2	178669	474046	14.48%	6.338%
11	5.052	1156	1170	1194	rBV	50590	112298	3.43%	1.501%
12	5.377	1257	1271	1288	rVB2	31314	70147	2.14%	0.938%
13	5.718	1358	1377	1403	rBV2	104229	263368	8.04%	3.521%
14	6.242	1528	1540	1561	rBV	104899	202572	6.19%	2.708%
15	6.682	1665	1677	1690	rBV2	63138	124136	3.79%	1.660%
16	7.560	1936	1950	1975	rBV	25365	47114	1.44%	0.630%
17	7.891	2042	2053	2075	rBV	116487	205570	6.28%	2.748%
18	8.631	2272	2283	2308	rBV2	91719	193681	5.91%	2.589%
19	9.412	2511	2526	2559	rBV	146778	257358	7.86%	3.441%
20	10.750	2932	2942	2954	rBV2	35546	57027	1.74%	0.762%
21	11.807	3258	3271	3294	rBV	129828	213454	6.52%	2.854%
22	12.187	3378	3389	3406	rBV	89849	151476	4.63%	2.025%

Sum of corrected areas: 7479531

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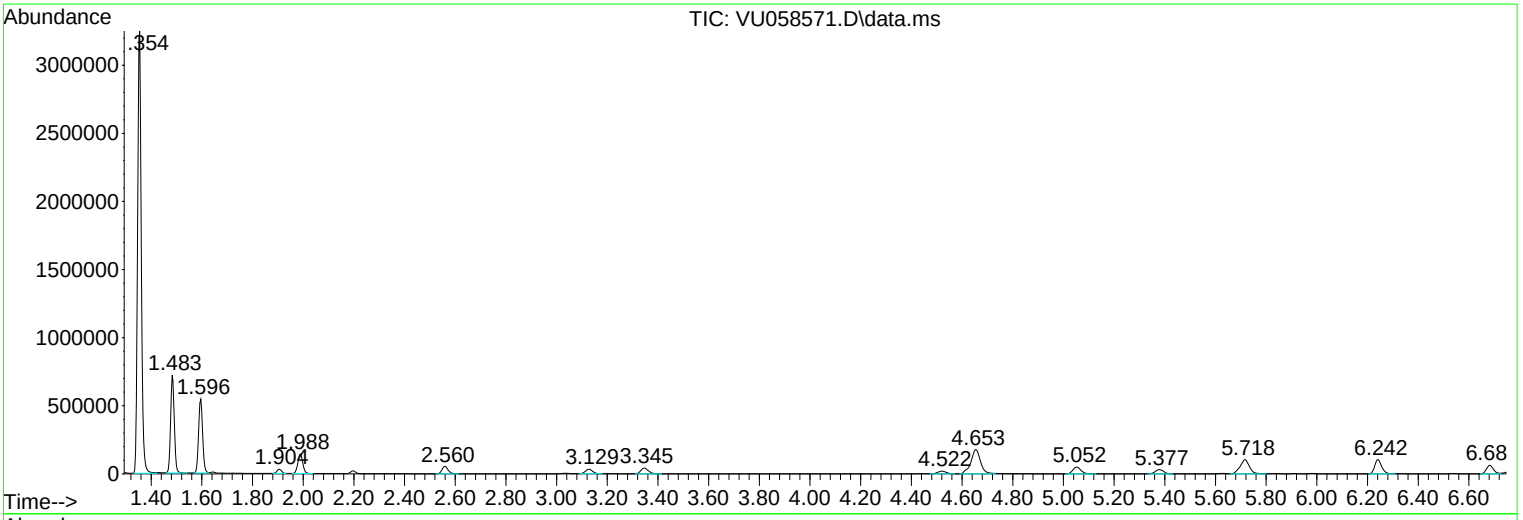
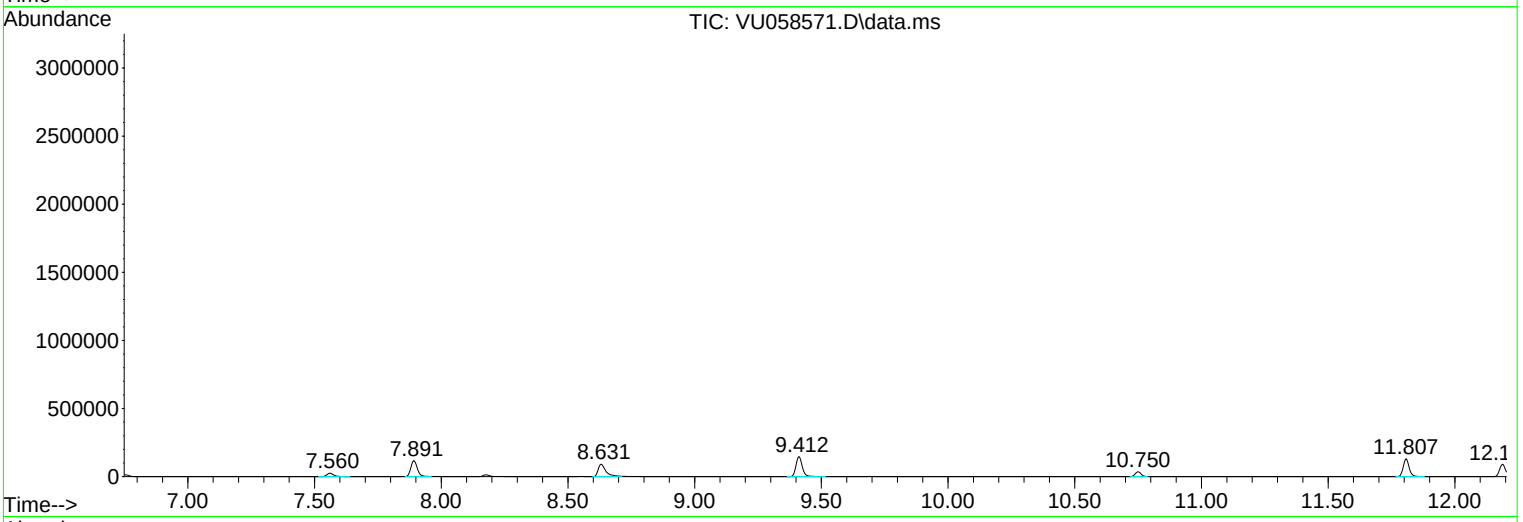
ALS Vial : 27 Sample Multiplier: 1

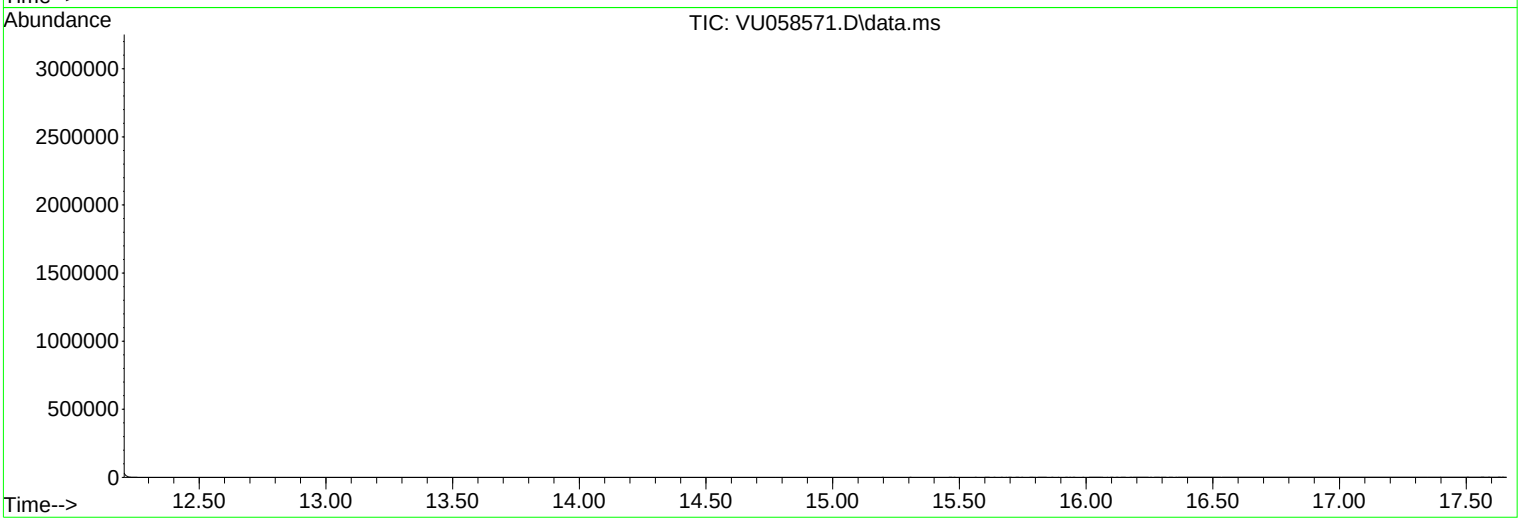
Instrument :
MSVOA_U
ClientSampleId :
E0MB7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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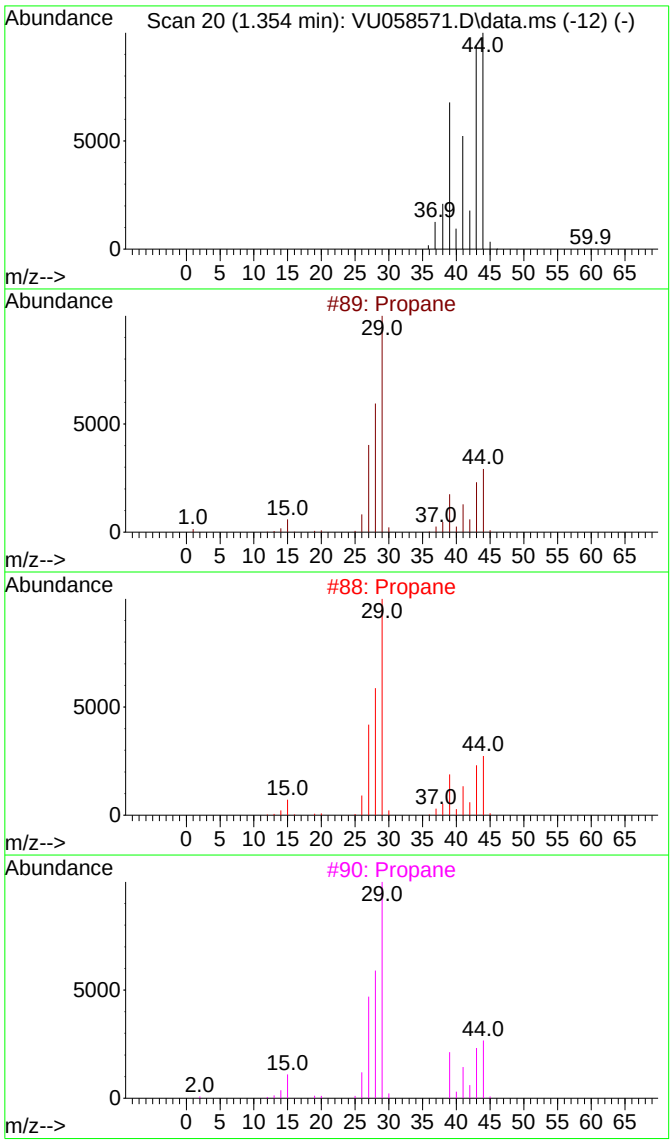
Quant Title : TRACE VOA SFAM1.0

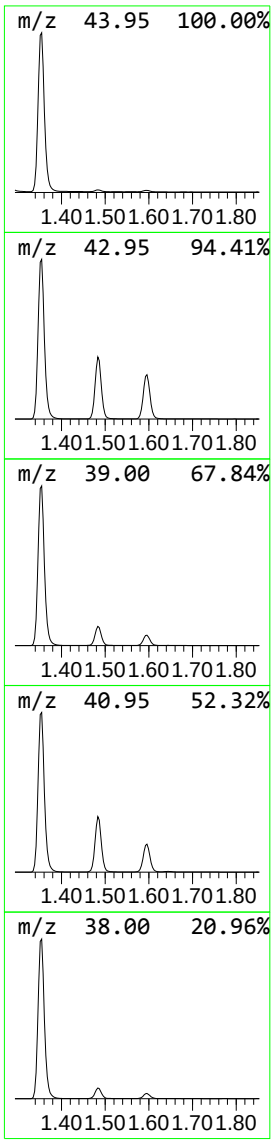
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.354	80.82 ug/L	3274520	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	83
2	Propane	44	C3H8	000074-98-6	83
3	Propane	44	C3H8	000074-98-6	9
4	Propene	42	C3H6	000115-07-1	9
5	Acetaldehyde	44	C2H4O	000075-07-0	5





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Operator : MD/SY
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MB7

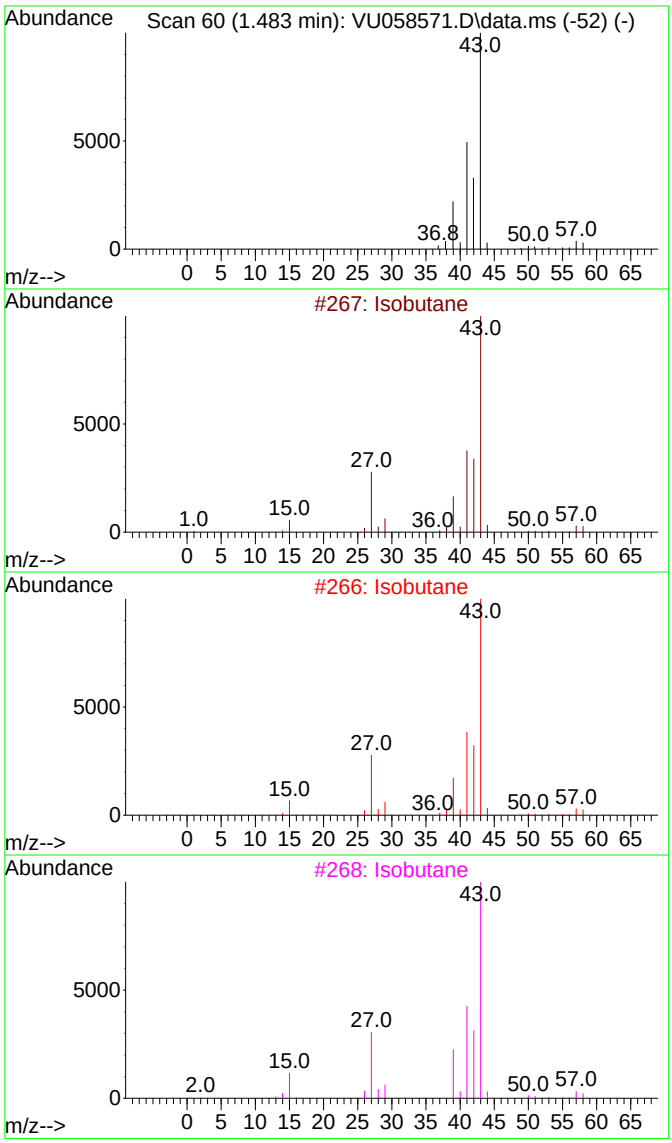
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

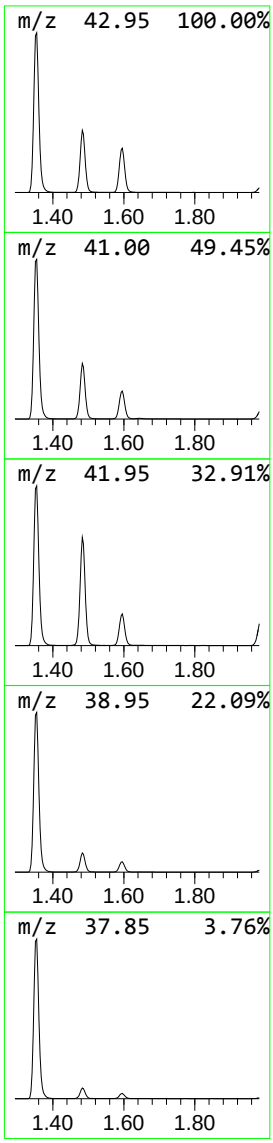
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.483	17.72 ug/L	718038	1,4-Difluorobenzene	6.242

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	64
4	Isobutane	58	C4H10	000075-28-5	53
5	Isobutane	58	C4H10	000075-28-5	45





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Data File : VU058571.D
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Operator : MD/SY
Sample : P2013-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MB7

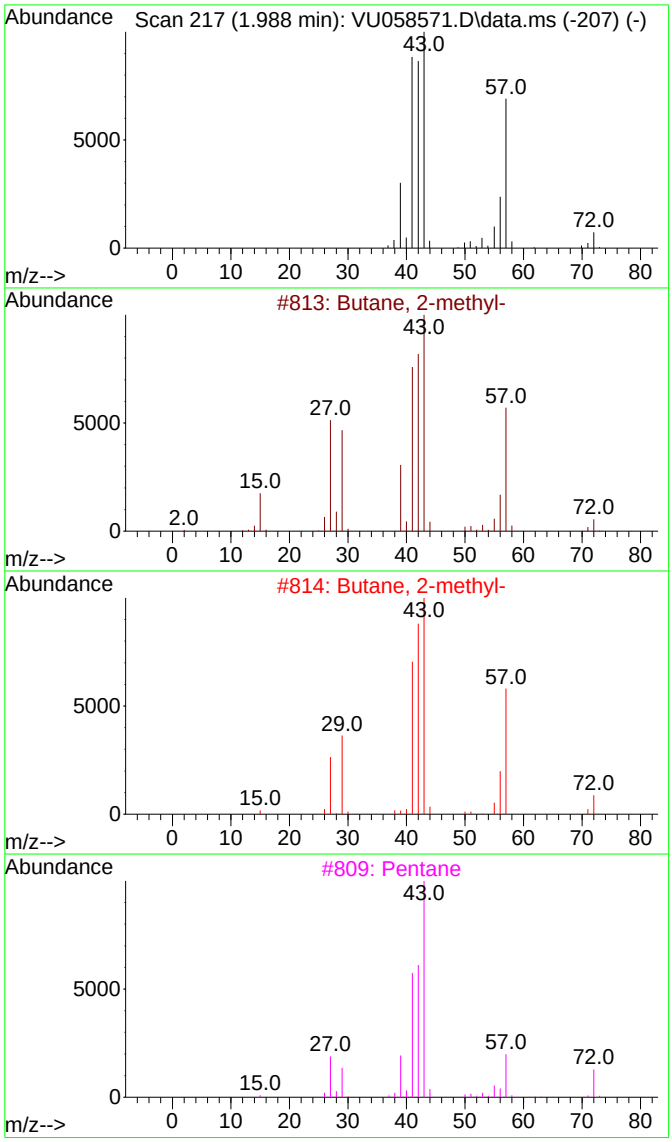
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

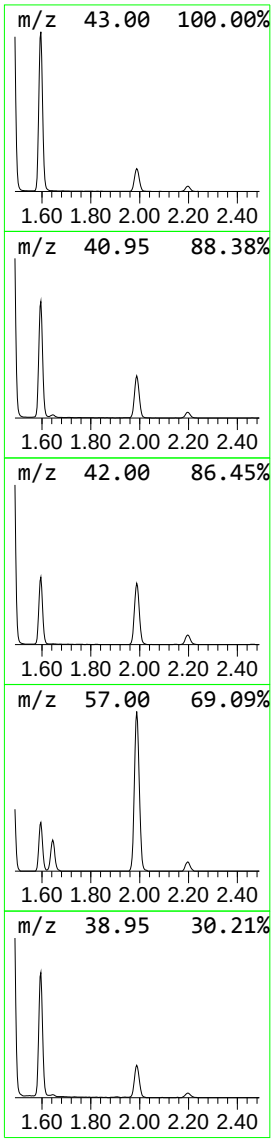
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.988	4.86 ug/L	196820	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Butane, 2-methyl-	72	C5H12	000078-78-4	80
3	Pentane	72	C5H12	000109-66-0	42
4	3-Buten-1-ol	72	C4H8O	000627-27-0	28
5	1-Butene	56	C4H8	000106-98-9	14





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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MB7

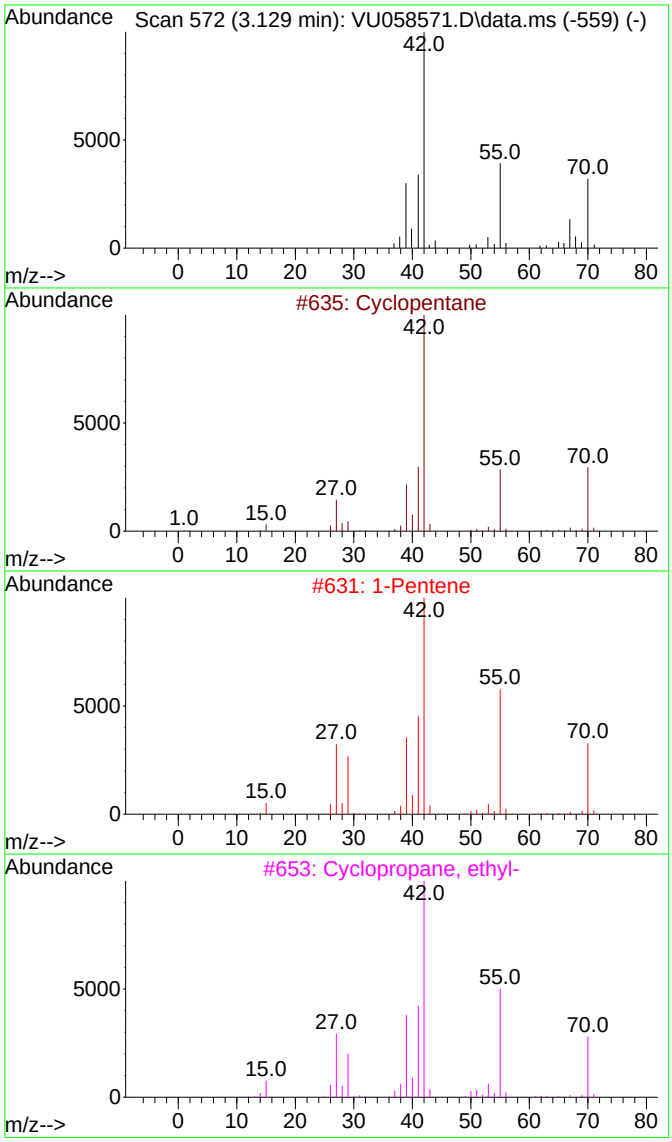
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

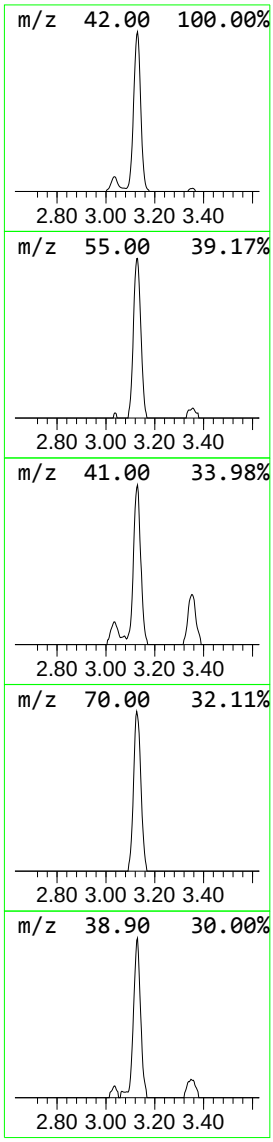
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic3.129 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.129	1.57 ug/L	63574	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	72
2	1-Pentene	70	C5H10	000109-67-1	72
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
4	Cyclopentane	70	C5H10	000287-92-3	64
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	64





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Operator : MD/SY
Sample : P2013-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MB7

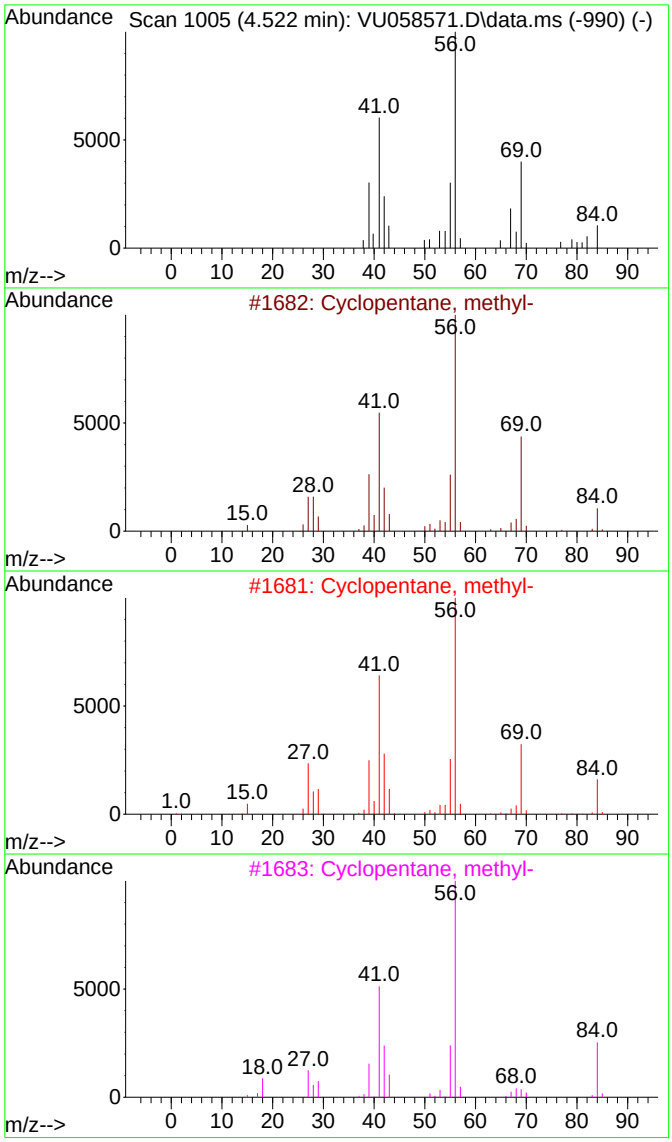
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

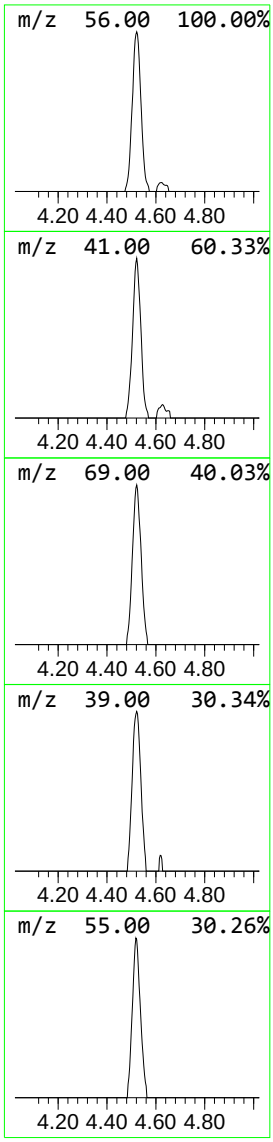
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic4.522 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.522	1.15 ug/L	46407	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	74
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	58
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50





Tentatively Identified Compound (LSC) summary

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.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...	1.354	80.8	ug/L	3274520	1	6.242	202572	5.0
(DEL) Alkane: S...	1.483	17.7	ug/L	718038	1	6.242	202572	5.0
(DEL) Alkane: S...	1.988	4.9	ug/L	196820	1	6.242	202572	5.0
(DEL) Alkane: C...	3.129	1.6	ug/L	63574	1	6.242	202572	5.0
(DEL) Alkane: C...	4.522	1.1	ug/L	46407	1	6.242	202572	5.0