LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051224.D
Acq On : 07 Oct 2022 17:44
Operator : JC/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ58

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\SFAMUTR100722WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU051224.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	23	rVB	1832478	1714704	100.00%	17.793%
2	1.437	24	30	38	rVB	65049	66280	3.87%	0.688%
3	1.494	38	48	54	rBV2	41033	47783	2.79%	0.496%
4	1.584	68	76	84	rBV2	696831	797887	46.53%	8.280%
5	1.629	84	90	96	rVV	550185	595933	34.75%	6.184%
6	1.655	96	98	110	rVB	143167	129476	7.55%	1.344%
7	1.729	112	121	127	rBV	128902	142590	8.32%	1.480%
8	1.871	158	165	169	rBV	34912	43904	2.56%	0.456%
9	1.906	169	176	194	rVB2	78179	124214	7.24%	1.289%
10	2.092	225	234	243	rBV	78712	106670	6.22%	1.107%
11	2.150	243	252	264	rVB	109433	151219	8.82%	1.569%
12	2.311	294	302	311	rBV2	20969	31466	1.84%	0.327%
13	2.395	317	328	344	rBV3	60205	110919	6.47%	1.151%
14	2.565	367	381	392	rBV2	125105	217108	12.66%	2.253%
15	2.626	392	400	416	rVB3	39375	65390	3.81%	0.679%
16	2.797	446	453	463	rVB3	19838	31738	1.85%	0.329%
17	2.854	463	471	484	rVB2	13942	29126	1.70%	0.302%
18	3.012	509	520	527	rBV4	10032	20591	1.20%	0.214%
19	3.588	684	699	710	rBV6	8832	20574	1.20%	0.213%
20	3.867	765	786	802	rBV	125103	331794	19.35%	3.443%
21	4.623	1009	1021	1058	rBV	117850	356408	20.79%	3.698%
22	5.063	1132	1158	1181	rBV2	111719	253893	14.81%	2.635%
23	5.314	1223	1236	1259	rVB2	126162	296236	17.28%	3.074%
24	5.723	1343	1363	1392	rBV2	210501	593481	34.61%	6.159%
25	6.247	1513	1526	1550	rBV	189414	363572	21.20%	3.773%
26	6.542	1606	1618	1633	rBV3	45975	85849	5.01%	0.891%
27	6.690	1650	1664	1680	rBV	144280	278044	16.22%	2.885%
28	7.565	1923	1936	1952	rBV	60642	107723	6.28%	1.118%
29	7.896	2027	2039	2054	rBV	215322	378814	22.09%	3.931%
30	7.970	2054	2062	2078	rVB2	13515	26033	1.52%	0.270%
31	8.179	2116	2127	2143	rBV	39562	65429	3.82%	0.679%
32	8.552	2233	2243	2256	rVB2	22855	39881	2.33%	0.414%
33	8.632	2256	2268	2296	rBV3	316396	709560	41.38%	7.363%
34	9.417	2498	2512	2531	rBV	280160	470281	27.43%	4.880%
35	10.754	2917	2928	2944	rBV	129573	211672	12.34%	2.197%
36	11.812	3245	3257	3275	rBV	201270	326448	19.04%	3.388%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051224.D
Acq On : 07 Oct 2022 17:44
Operator : JC/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ58

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\SFAMUTR100722WMA.M
Title : TRACE VOA SFAM1.0

37	12.192	3363	3375	3399	rBV	175755	294061	17.15%	3.051%

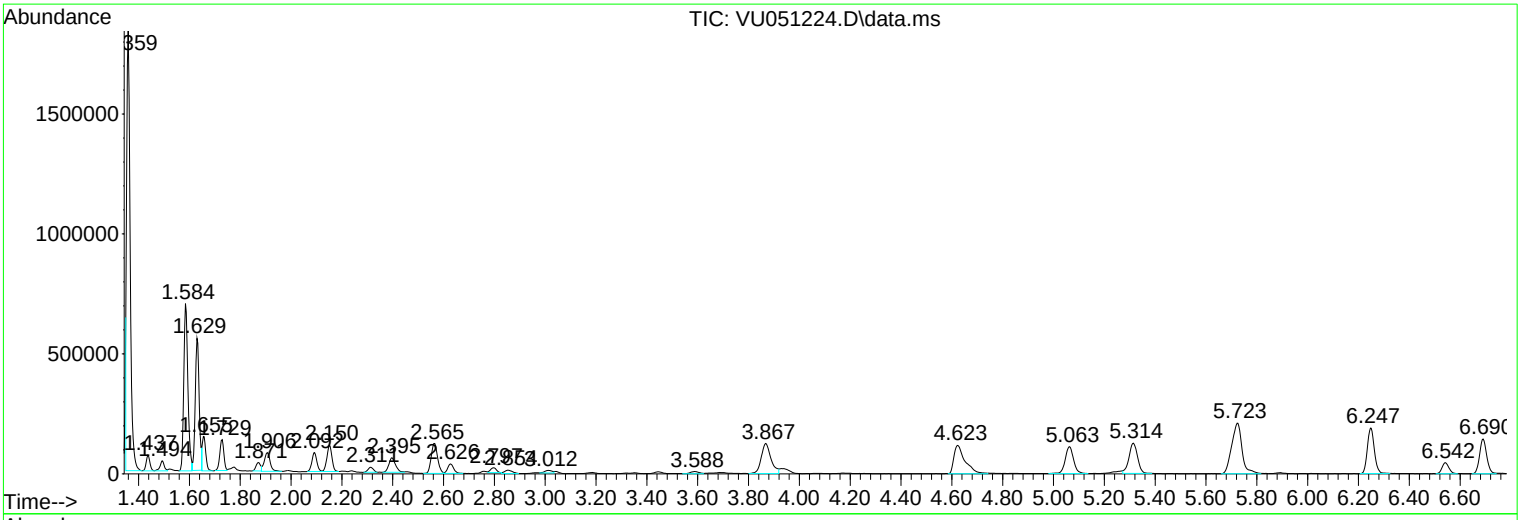
Sum of corrected areas: 9636751

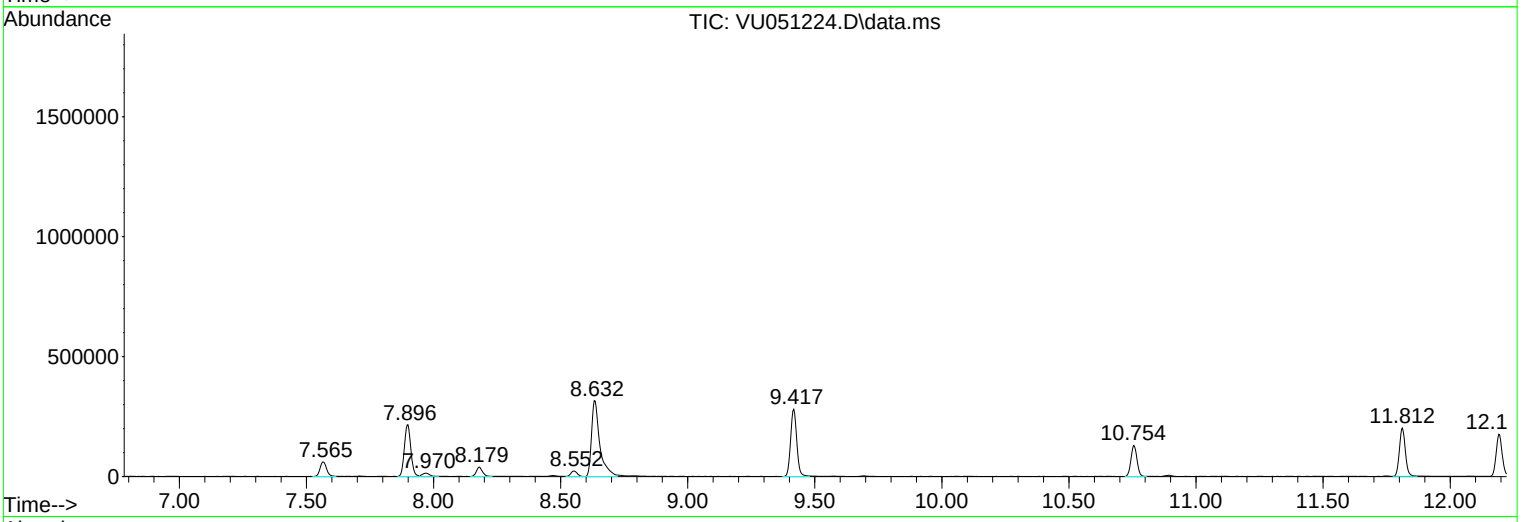
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051224.D
Acq On : 07 Oct 2022 17:44
Operator : JC/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

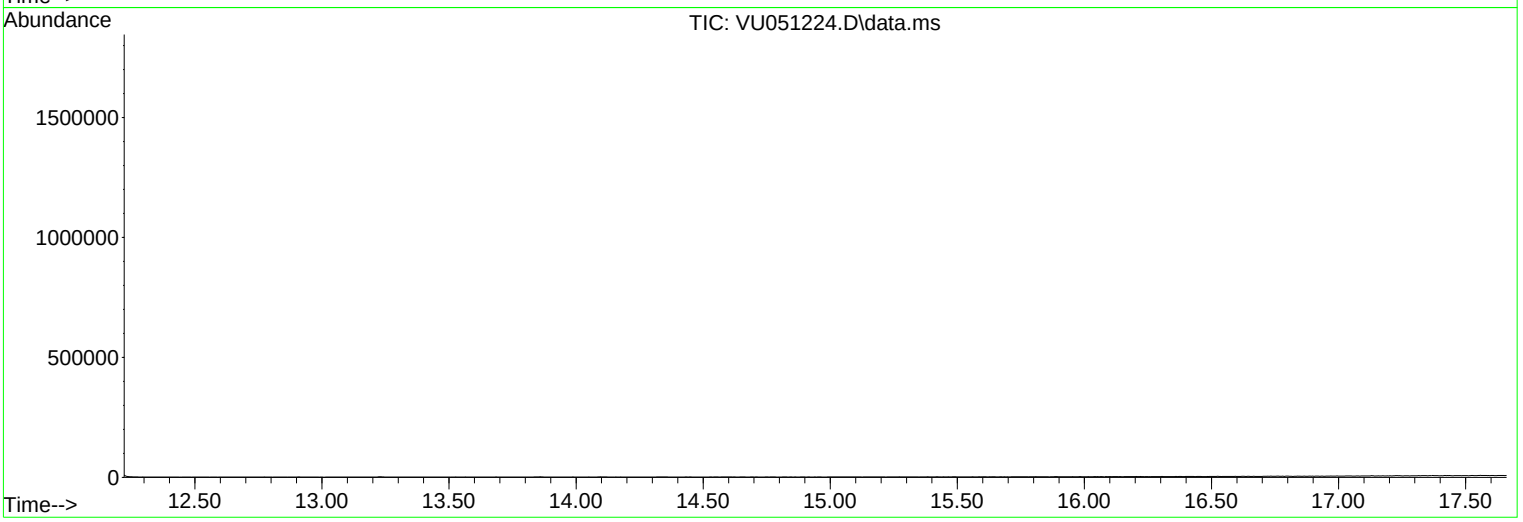
Instrument :
MSVOA_U
ClientSampleId :
EXZ58

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051224.D
Acq On : 07 Oct 2022 17:44
Operator : JC/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ58

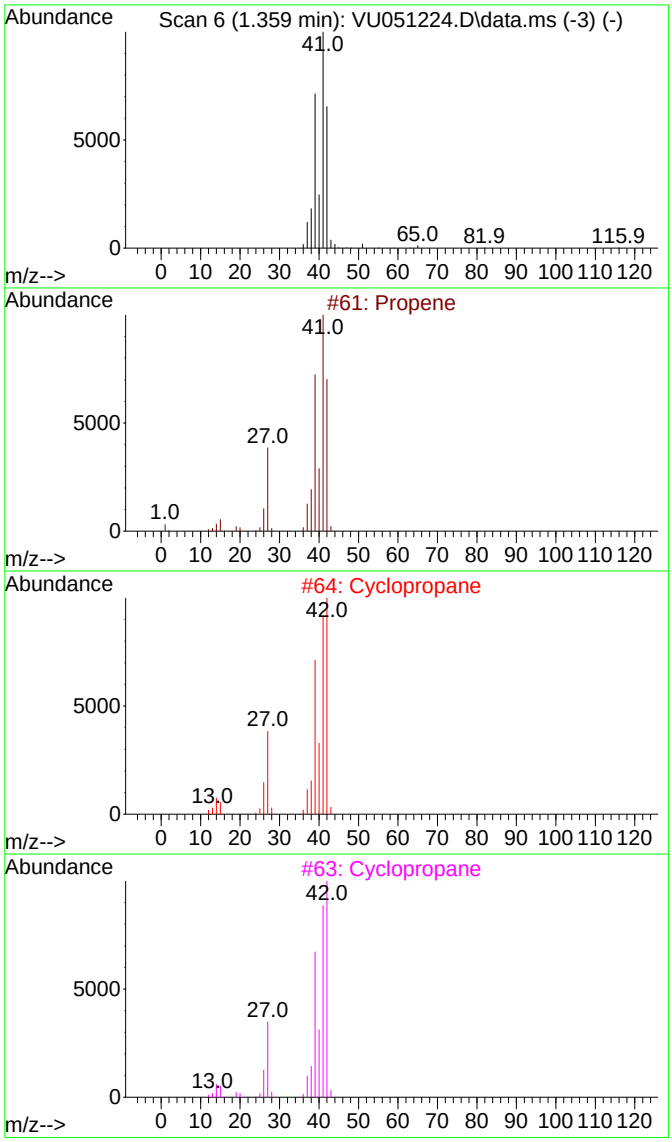
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

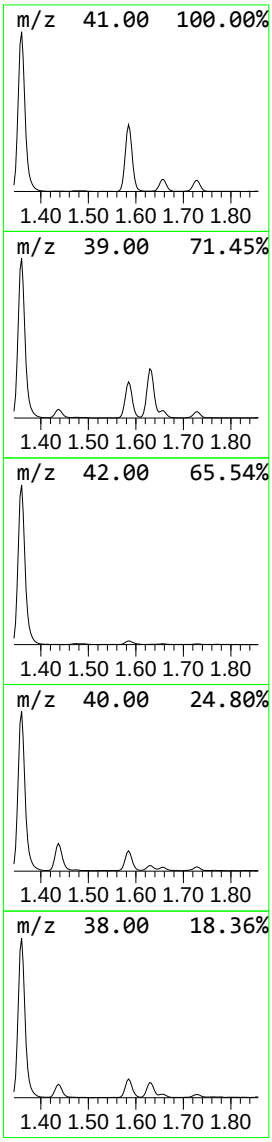
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	23.58 ug/L	1714700	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	Cyclopropane	42	C3H6	000075-19-4	72
3	Cyclopropane	42	C3H6	000075-19-4	72
4	Propene	42	C3H6	000115-07-1	47
5	Cyclopropane	42	C3H6	000075-19-4	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051224.D
Acq On : 07 Oct 2022 17:44
Operator : JC/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ58

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

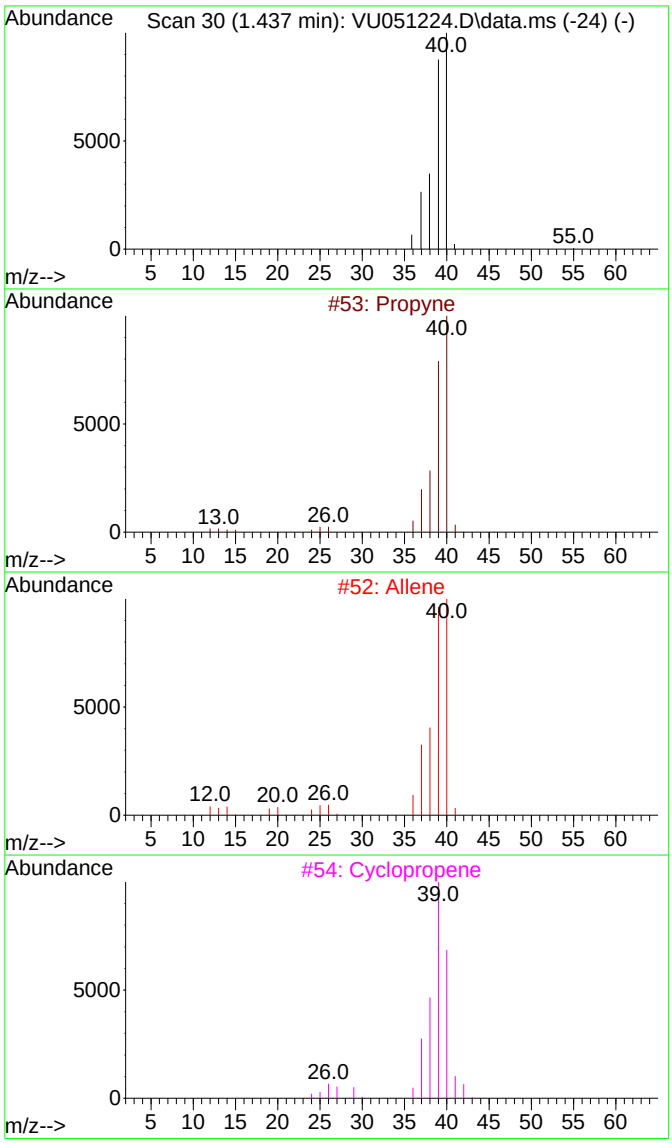
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

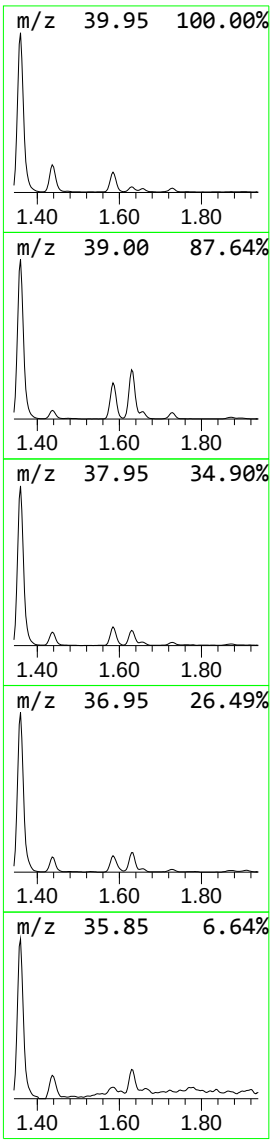
****

Peak Number 2 Propyne Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.437	0.91 ug/L	66280	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne	40	C3H4	000074-99-7	90
2	Allene	40	C3H4	000463-49-0	90
3	Cyclopropene	40	C3H4	002781-85-3	43
4	Methylenecyclopropane	54	C4H6	006142-73-0	1
5	Propane	44	C3H8	000074-98-6	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051224.D
Acq On : 07 Oct 2022 17:44
Operator : JC/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ58

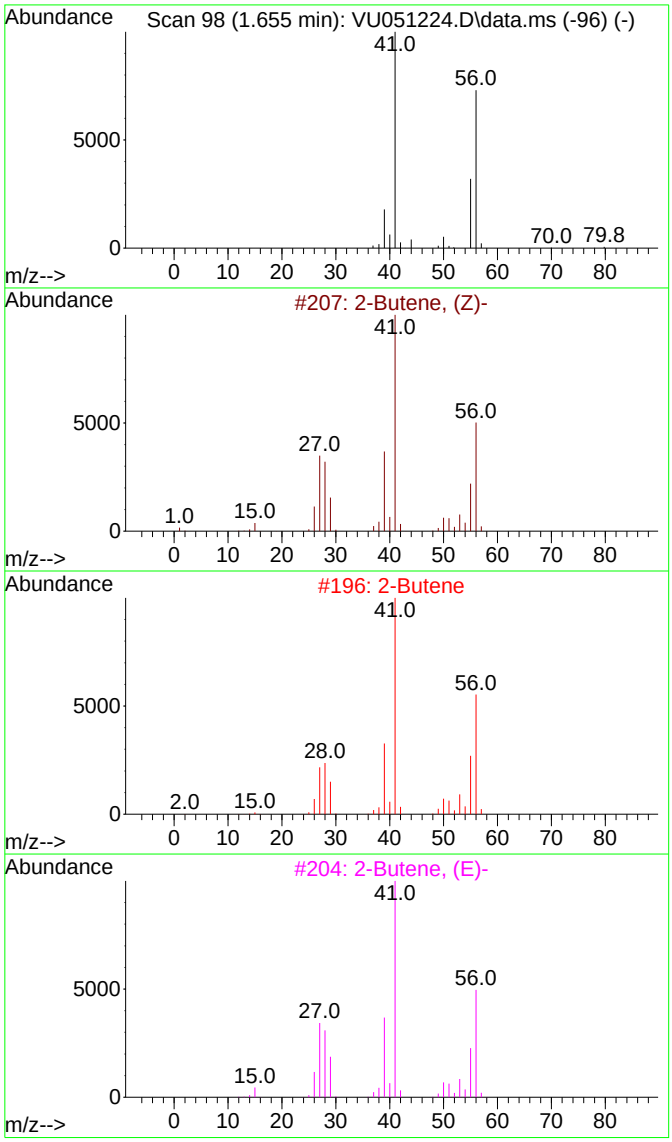
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

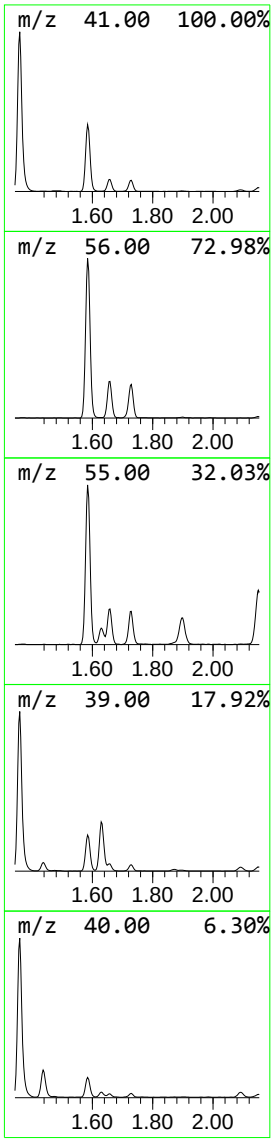
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.655	1.78 ug/L	129476	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, (Z)-	56	C4H8	000590-18-1	9
2	2-Butene	56	C4H8	000107-01-7	9
3	2-Butene, (E)-	56	C4H8	000624-64-6	9
4	2-Butene, (E)-	56	C4H8	000624-64-6	9
5	2-Butene, (Z)-	56	C4H8	000590-18-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051224.D
Acq On : 07 Oct 2022 17:44
Operator : JC/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ58

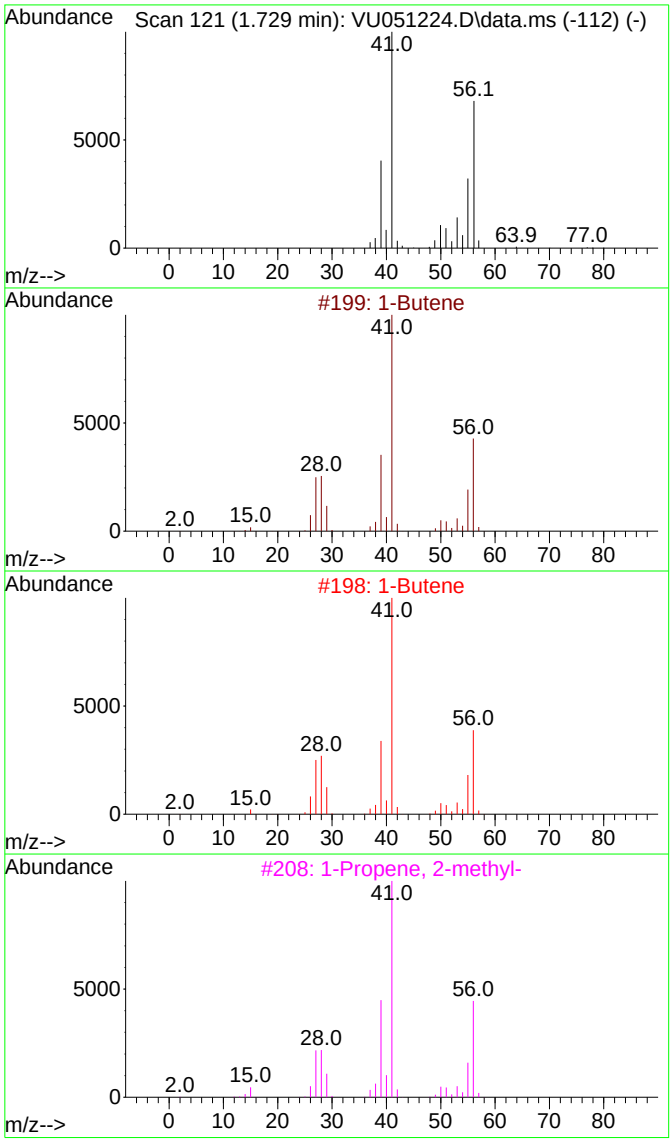
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

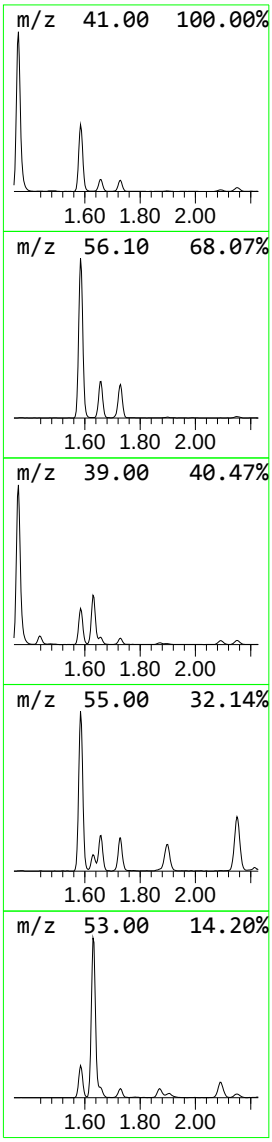
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.729	1.96 ug/L	142590	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	87
2	1-Butene	56	C4H8	000106-98-9	83
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	74
4	2-Butene, (Z)-	56	C4H8	000590-18-1	74
5	1-Butene	56	C4H8	000106-98-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051224.D
Acq On : 07 Oct 2022 17:44
Operator : JC/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ58

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

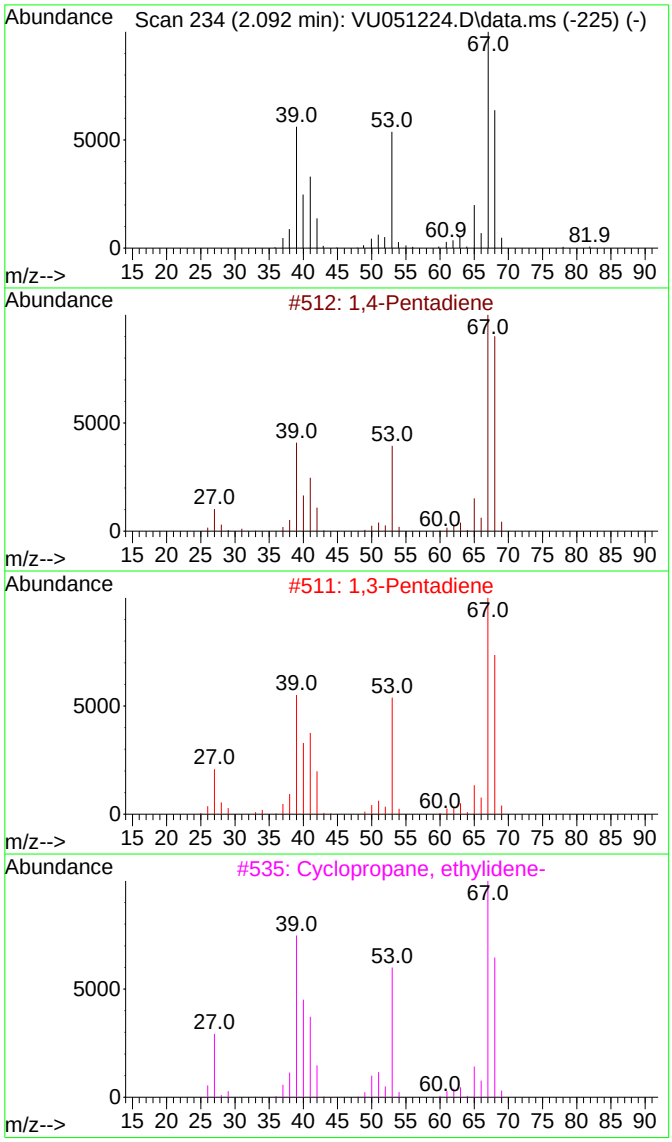
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

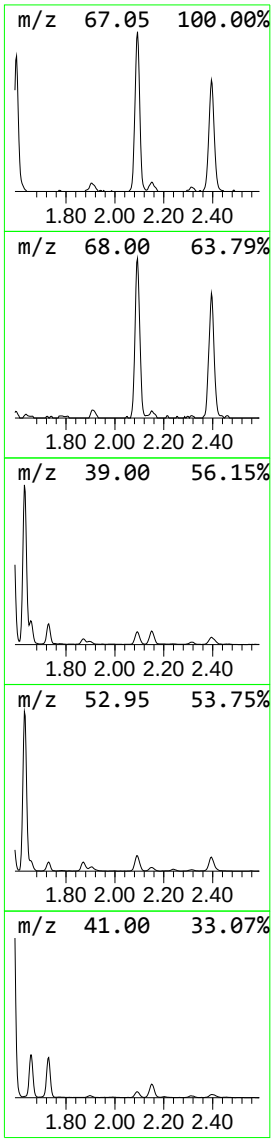
****

Peak Number 5 1,4-Pentadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.092	1.47 ug/L	106670	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene	68	C5H8	000591-93-5	95
2	1,3-Pentadiene	68	C5H8	000504-60-9	94
3	Cyclopropane, ethylidene-	68	C5H8	018631-83-9	90
4	Isoprene	68	C5H8	000078-79-5	90
5	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051224.D
Acq On : 07 Oct 2022 17:44
Operator : JC/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ58

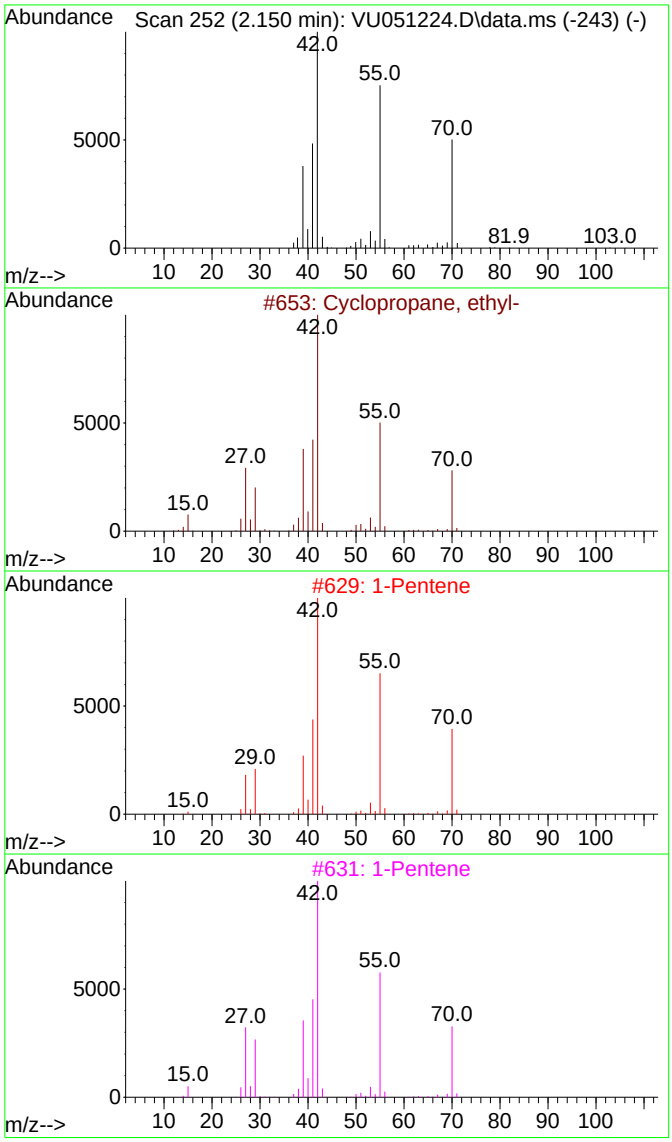
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

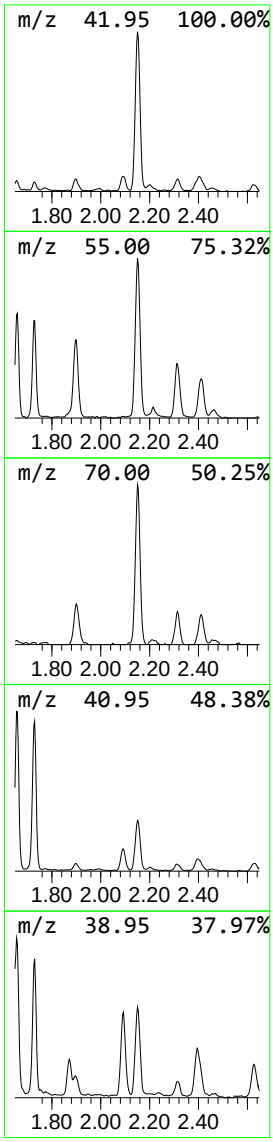
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic2.150 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.150	2.08 ug/L	151219	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	91
2	1-Pentene	70	C5H10	000109-67-1	90
3	1-Pentene	70	C5H10	000109-67-1	87
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	80
5	1-Pentene	70	C5H10	000109-67-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051224.D
Acq On : 07 Oct 2022 17:44
Operator : JC/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ58

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

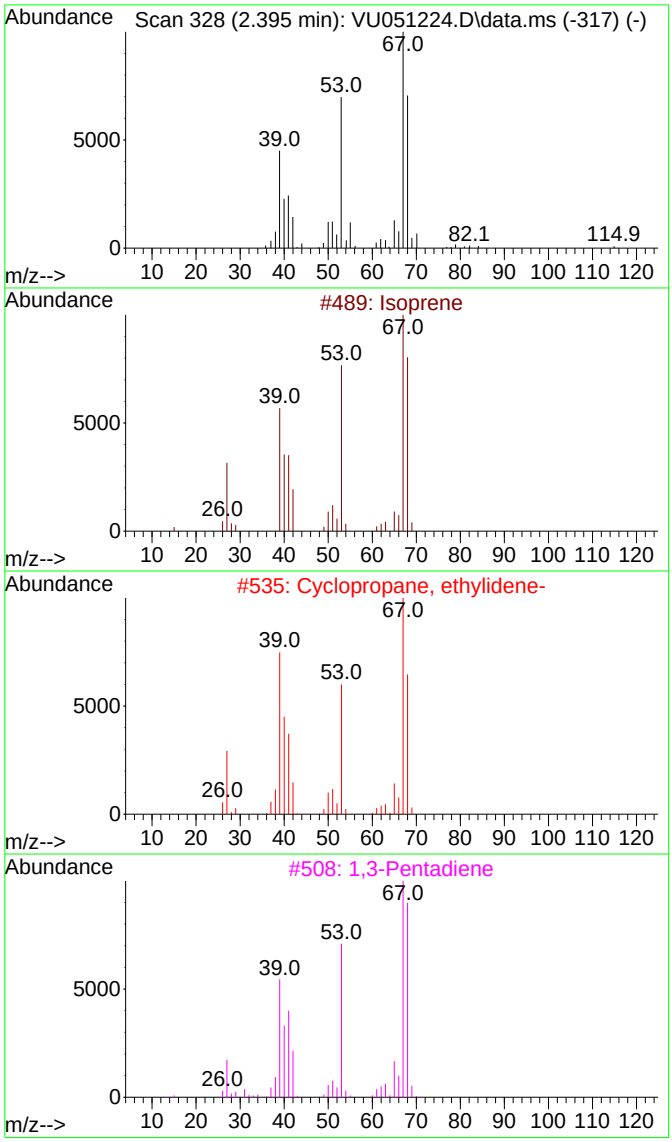
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

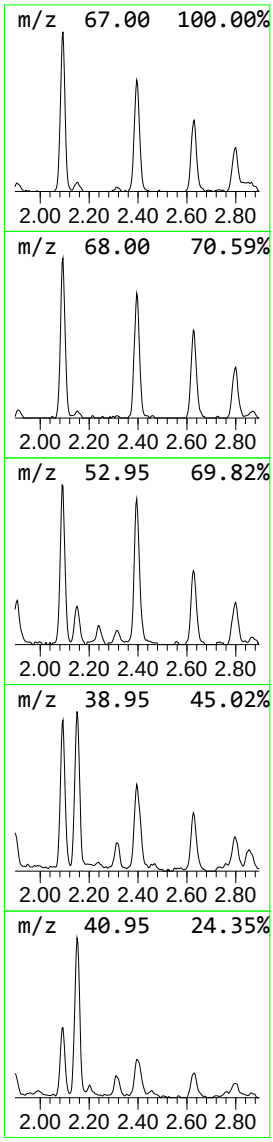
****

Peak Number 7 Isoprene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.395	1.53 ug/L	110919	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoprene	68	C5H8	000078-79-5	95
2	Cyclopropane, ethylidene-	68	C5H8	018631-83-9	95
3	1,3-Pentadiene	68	C5H8	000504-60-9	95
4	1,4-Pentadiene	68	C5H8	000591-93-5	94
5	1,3-Pentadiene	68	C5H8	000504-60-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051224.D
Acq On : 07 Oct 2022 17:44
Operator : JC/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ58

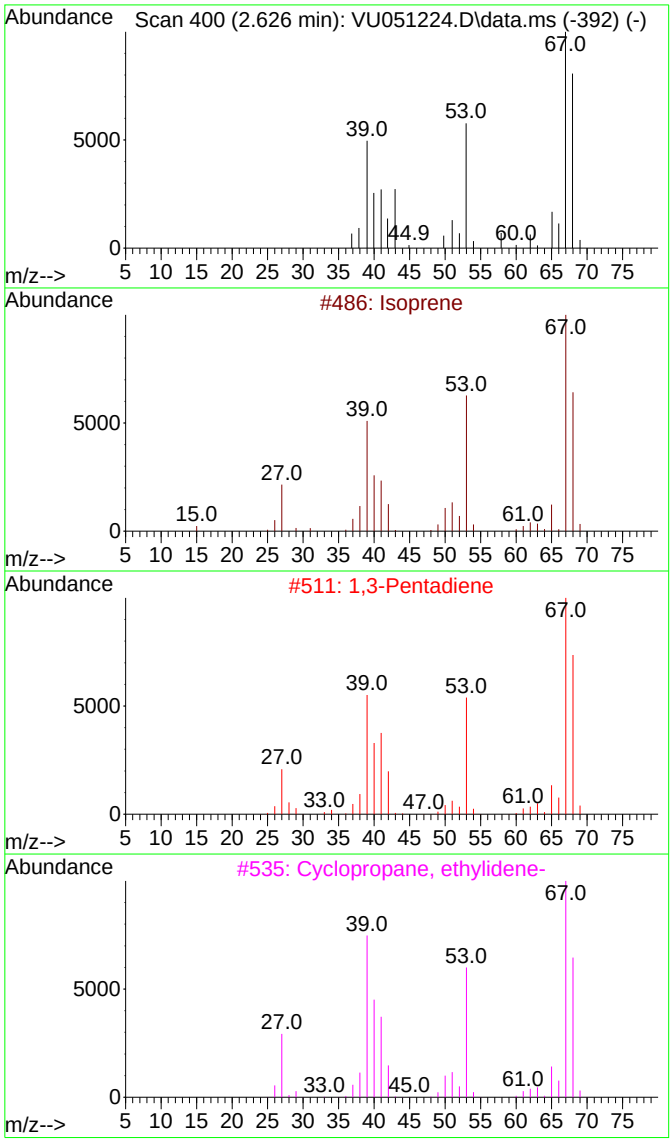
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

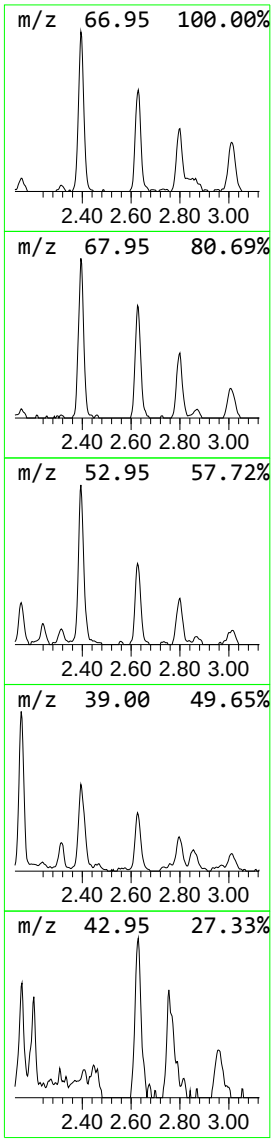
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,3-Pentadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.626	0.90 ug/L	65390	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoprene	68	C5H8	000078-79-5	94
2	1,3-Pentadiene	68	C5H8	000504-60-9	91
3	Cyclopropane, ethylidene-	68	C5H8	018631-83-9	91
4	Isoprene	68	C5H8	000078-79-5	91
5	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051224.D
Acq On : 07 Oct 2022 17:44
Operator : JC/MD
Sample : N4873-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ58

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.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...	1.359	23.6	ug/L	1714700	1	6.247	363572	5.0
Propyne	1.437	0.9	ug/L	66280	1	6.247	363572	5.0
(DEL) Alkane: S...	1.655	1.8	ug/L	129476	1	6.247	363572	5.0
(DEL) Alkane: S...	1.729	2.0	ug/L	142590	1	6.247	363572	5.0
1,4-Pentadiene	2.092	1.5	ug/L	106670	1	6.247	363572	5.0
(DEL) Alkane: C...	2.150	2.1	ug/L	151219	1	6.247	363572	5.0
Isoprene	2.395	1.5	ug/L	110919	1	6.247	363572	5.0
1,3-Pentadiene	2.626	0.9	ug/L	65390	1	6.247	363572	5.0