LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025807.D
Acq On : 03 May 2022 20:47
Operator : SY/MD
Sample : N2625-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6X6

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\SFAMVTR050322WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV025807.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.111	16	22	39	rVB	661658	616880	88.52%	8.449%
2	1.217	49	55	70	rVB	88400	80371	11.53%	1.101%
3	1.304	73	82	95	rBV2	462754	696873	100.00%	9.544%
4	1.420	112	118	133	rVB	60589	71717	10.29%	0.982%
5	1.571	153	165	177	rVV2	131315	163974	23.53%	2.246%
6	1.638	177	186	199	rVB	83012	105055	15.08%	1.439%
7	1.770	218	227	233	rBV	100863	124931	17.93%	1.711%
8	1.812	233	240	256	rVB3	110726	197120	28.29%	2.700%
9	1.905	262	269	281	rVB2	13291	19419	2.79%	0.266%
10	1.986	282	294	302	rBV2	38893	58073	8.33%	0.795%
11	2.111	322	333	344	rBV	213572	312978	44.91%	4.287%
12	2.445	424	437	447	rBV7	10247	24551	3.52%	0.336%
13	2.764	522	536	552	rBV2	11336	23206	3.33%	0.318%
14	2.953	582	595	614	rBV5	23282	54344	7.80%	0.744%
15	3.047	614	624	639	rVB3	11882	23296	3.34%	0.319%
16	3.902	880	890	938	rBV	50397	205774	29.53%	2.818%
17	4.352	1015	1030	1055	rBV	116806	303858	43.60%	4.162%
18	5.050	1230	1247	1279	rBV3	263547	682628	97.96%	9.349%
19	5.387	1343	1352	1371	rVB3	5597	15639	2.24%	0.214%
20	5.619	1411	1424	1452	rBV	180057	373418	53.58%	5.114%
21	6.069	1550	1564	1596	rBV	153833	332944	47.78%	4.560%
22	6.989	1839	1850	1874	rBV	61783	118715	17.04%	1.626%
23	7.317	1937	1952	1969	rBV	296882	522846	75.03%	7.161%
24	7.394	1969	1976	1988	rVB	14165	27378	3.93%	0.375%
25	7.625	2038	2048	2066	rBV	34953	67340	9.66%	0.922%
26	8.088	2182	2192	2227	rBV	277878	550858	79.05%	7.544%
27	8.850	2416	2429	2451	rBV	290594	483387	69.37%	6.620%
28	10.217	2839	2854	2872	rBV	96891	158055	22.68%	2.165%
29	11.249	3164	3175	3197	rBV	278643	432064	62.00%	5.918%
30	11.622	3280	3291	3306	rBV	263857	417804	59.95%	5.722%
31	12.342	3505	3515	3525	rBV4	23794	35957	5.16%	0.492%

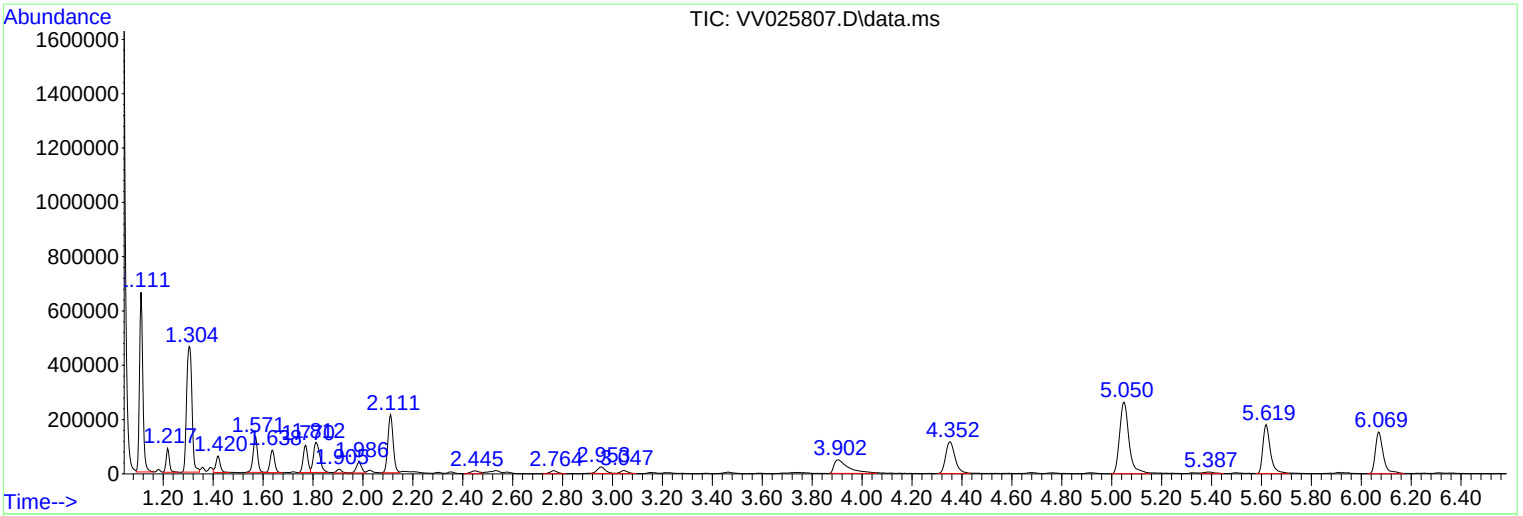
Sum of corrected areas: 7301453

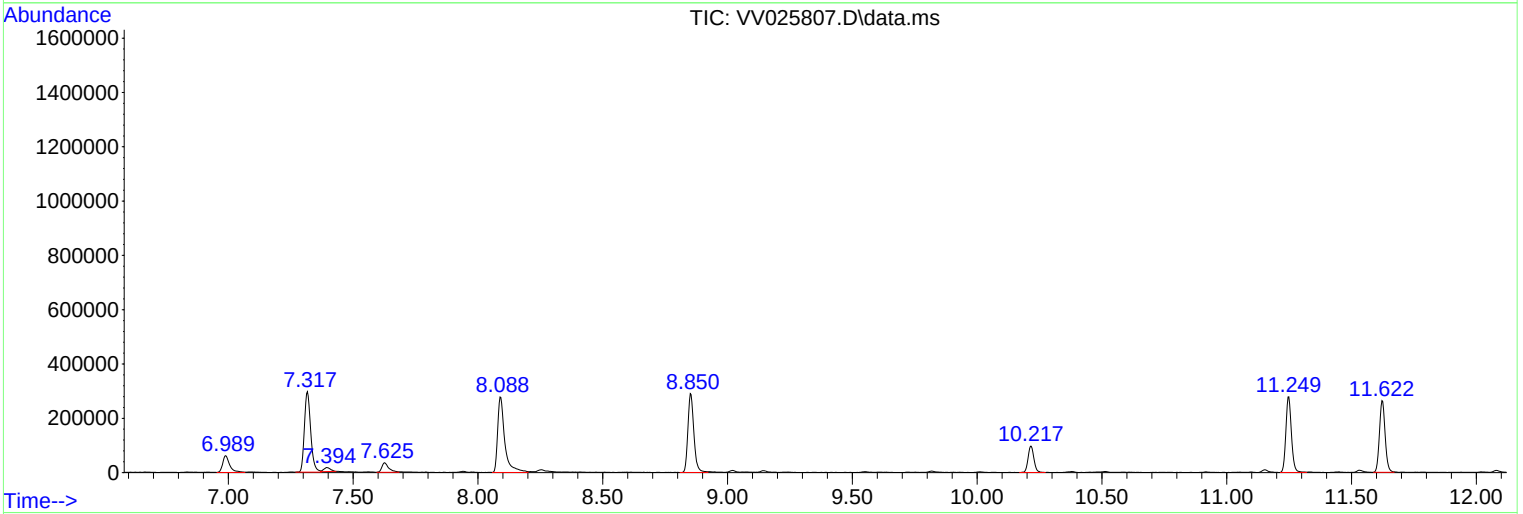
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025807.D
Acq On : 03 May 2022 20:47
Operator : SY/MD
Sample : N2625-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

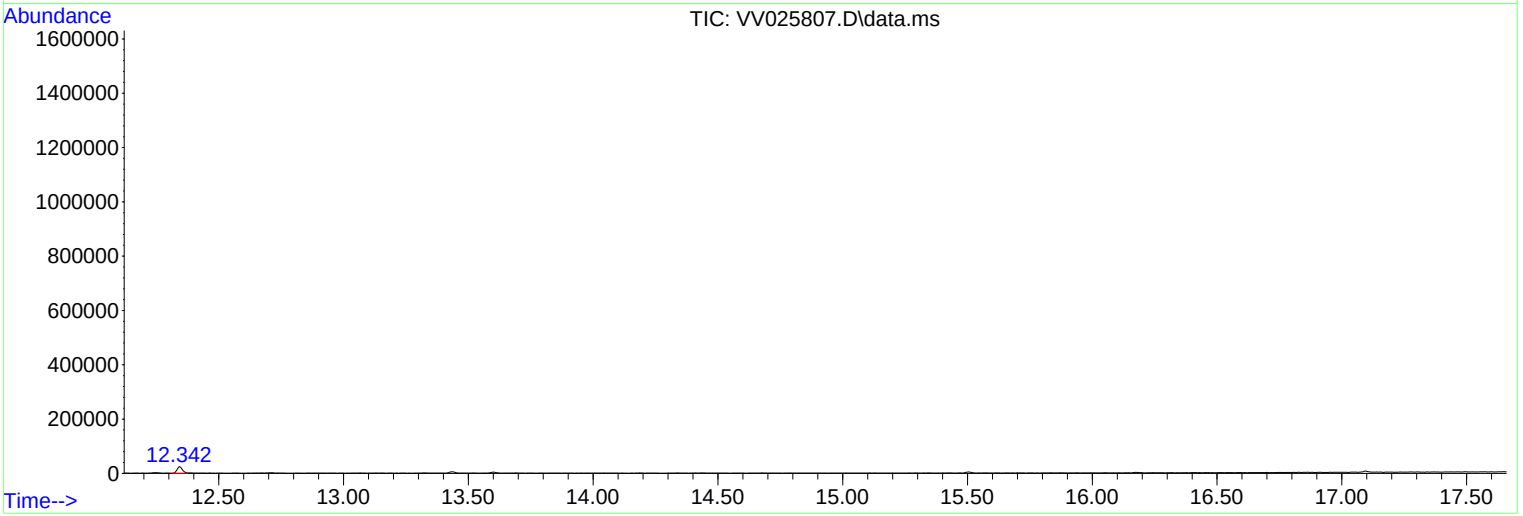
Instrument :
MSVOA_V
ClientSampleId :
EW6X6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025807.D
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Operator : SY/MD
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Instrument :
MSVOA_V
ClientSampleId :
EW6X6

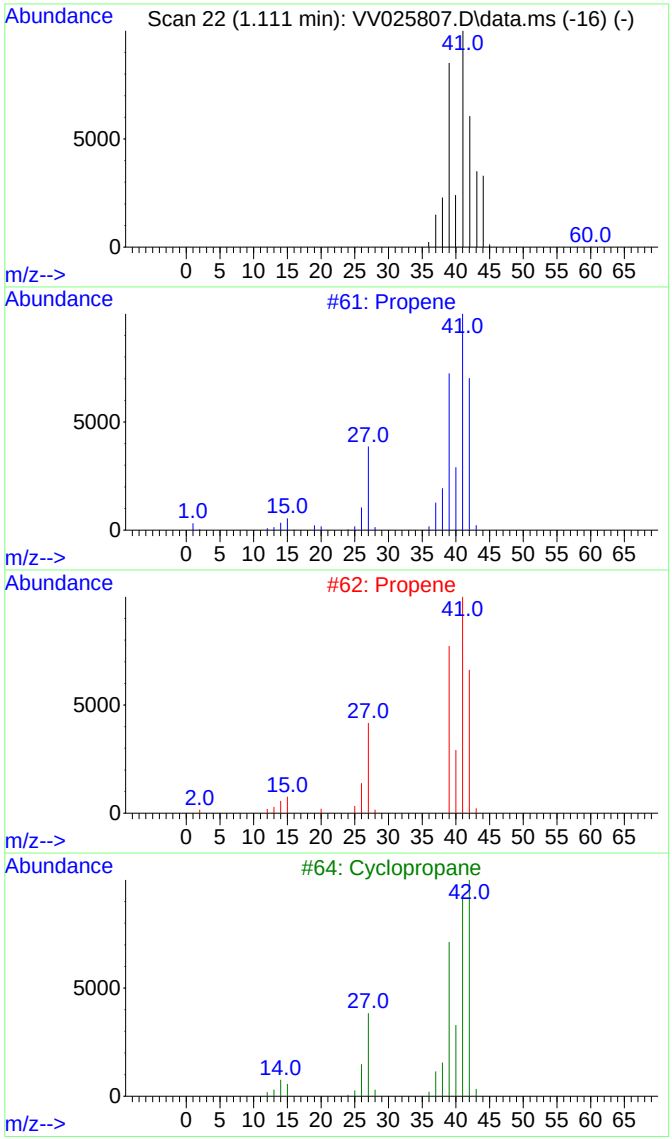
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

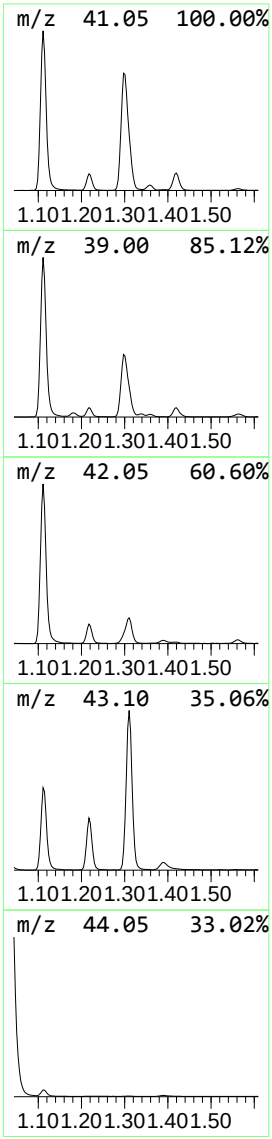
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.111	8.26 ug/L	616880	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	9
4	Cyclopropane	42	C3H6	000075-19-4	7
5	Cyclopropene	40	C3H4	002781-85-3	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025807.D
Acq On : 03 May 2022 20:47
Operator : SY/MD
Sample : N2625-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6X6

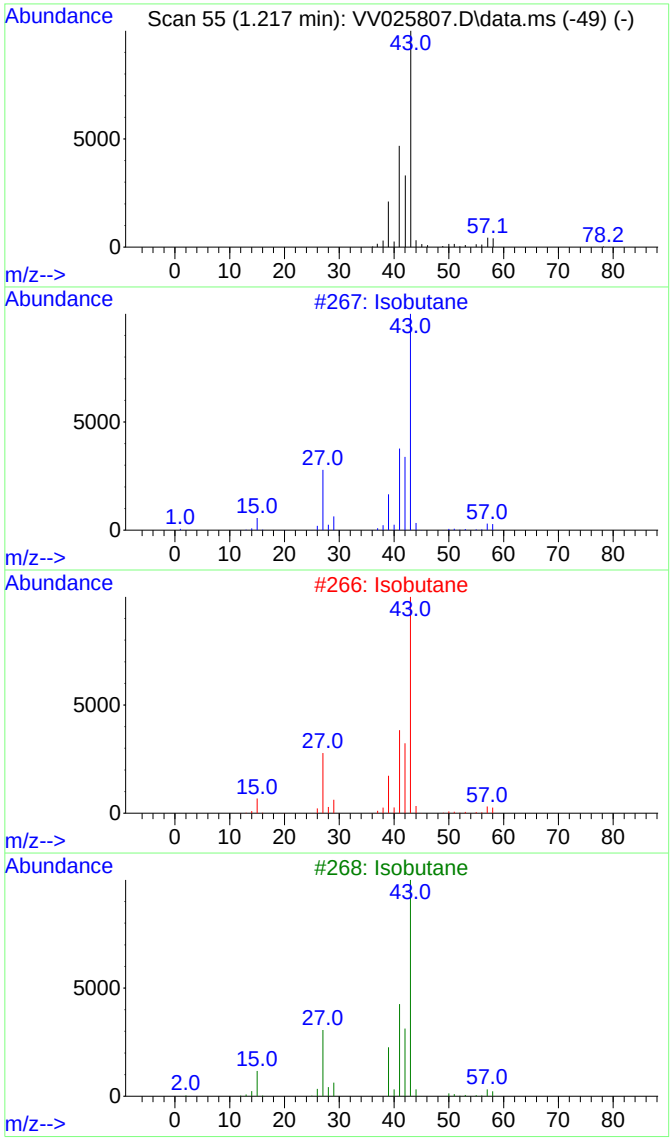
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

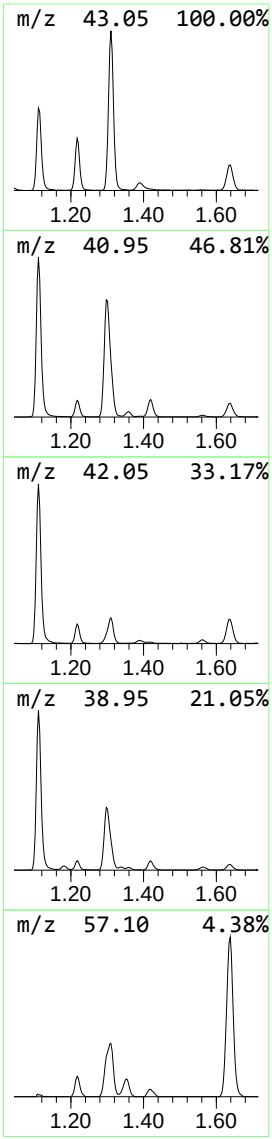
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.217	1.08 ug/L	80371	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	64
5	Isobutane	58	C4H10	000075-28-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025807.D
Acq On : 03 May 2022 20:47
Operator : SY/MD
Sample : N2625-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6X6

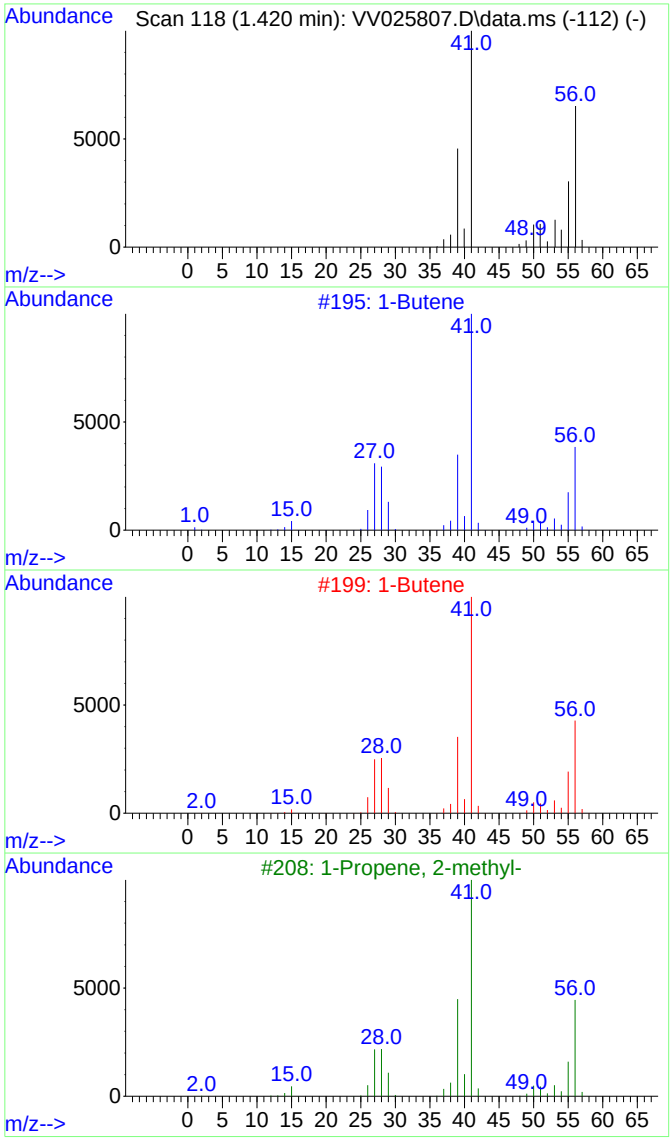
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

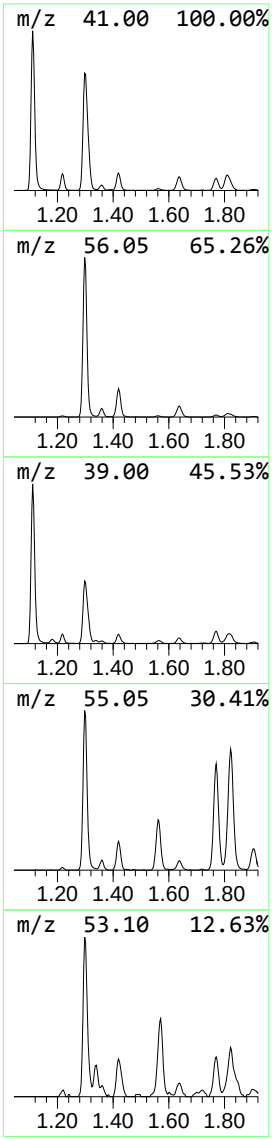
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.420	0.96 ug/L	71717	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	83
2	1-Butene	56	C4H8	000106-98-9	80
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	72
5	2-Butene, (Z)-	56	C4H8	000590-18-1	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025807.D
Acq On : 03 May 2022 20:47
Operator : SY/MD
Sample : N2625-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6X6

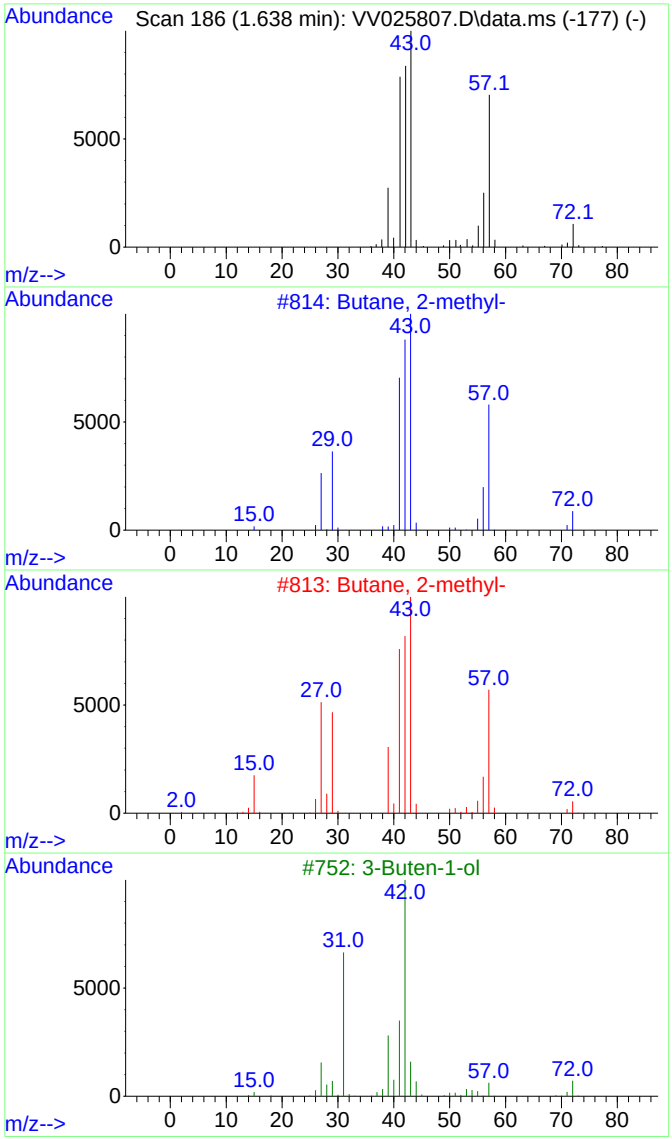
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

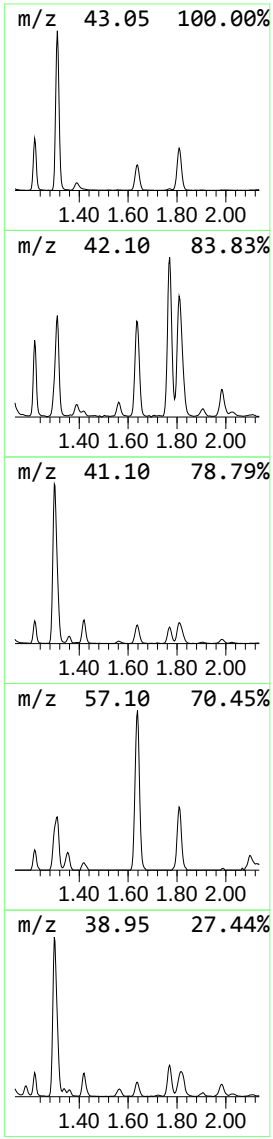
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.638	1.41 ug/L	105055	1,4-Difluorobenzene	5.619

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	86
3	3-Buten-1-ol	72	C4H8O	000627-27-0	50
4	Pentane	72	C5H12	000109-66-0	47
5	Pentane	72	C5H12	000109-66-0	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025807.D
Acq On : 03 May 2022 20:47
Operator : SY/MD
Sample : N2625-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6X6

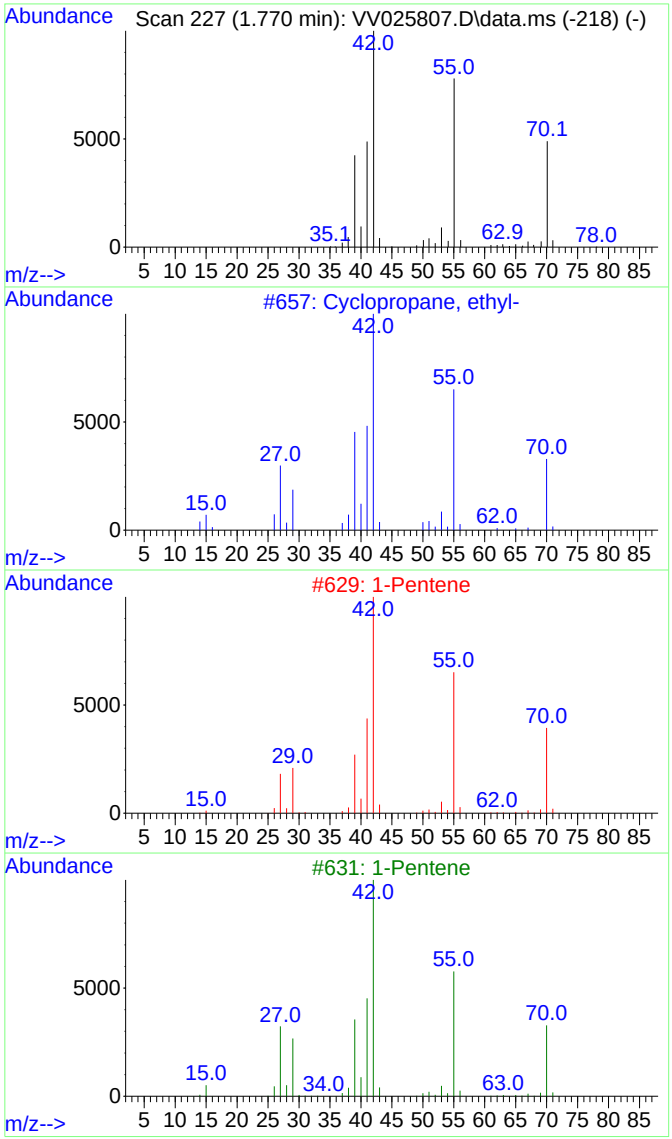
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

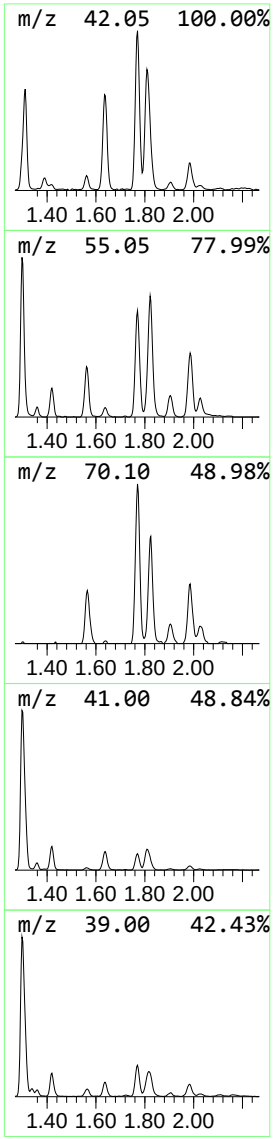
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic1.770 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.770	1.67 ug/L	124931	1,4-Difluorobenzene	5.619

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	81
3	1-Pentene	70	C5H10	000109-67-1	76
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	76
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025807.D
Acq On : 03 May 2022 20:47
Operator : SY/MD
Sample : N2625-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6X6

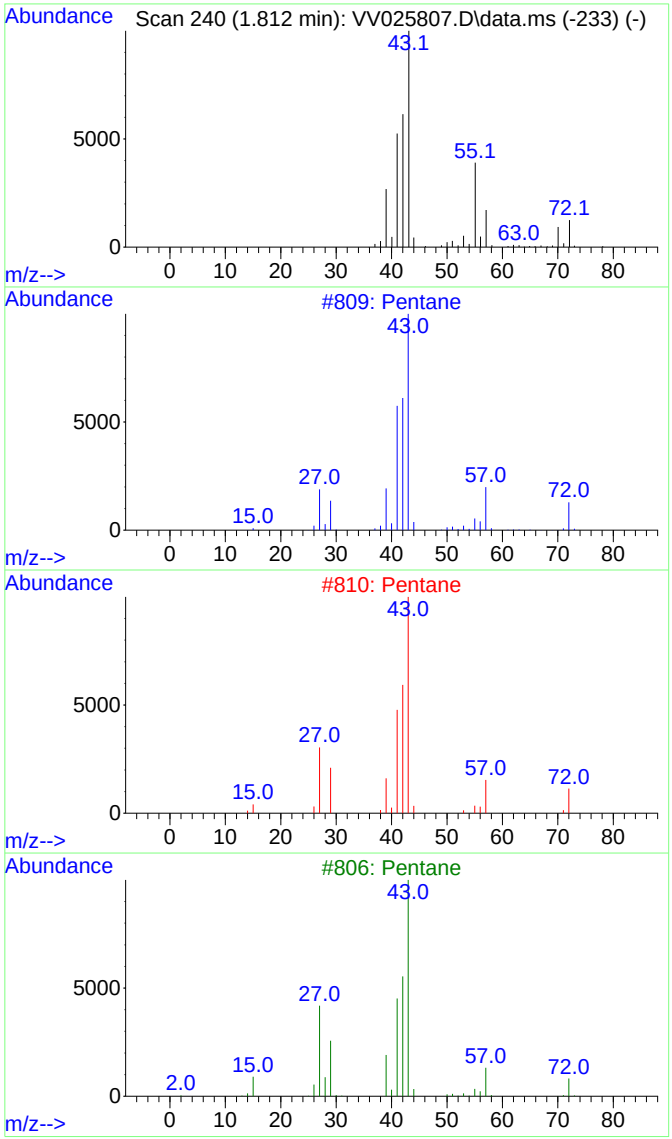
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

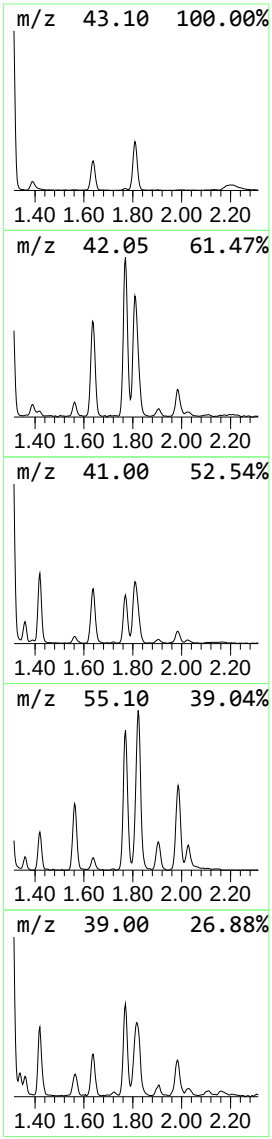
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.812	2.64 ug/L	197120	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	72
2	Pentane	72	C5H12	000109-66-0	72
3	Pentane	72	C5H12	000109-66-0	64
4	Pentane	72	C5H12	000109-66-0	64
5	Pentane	72	C5H12	000109-66-0	58





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Data File : VV025807.D
Acq On : 03 May 2022 20:47
Operator : SY/MD
Sample : N2625-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6X6

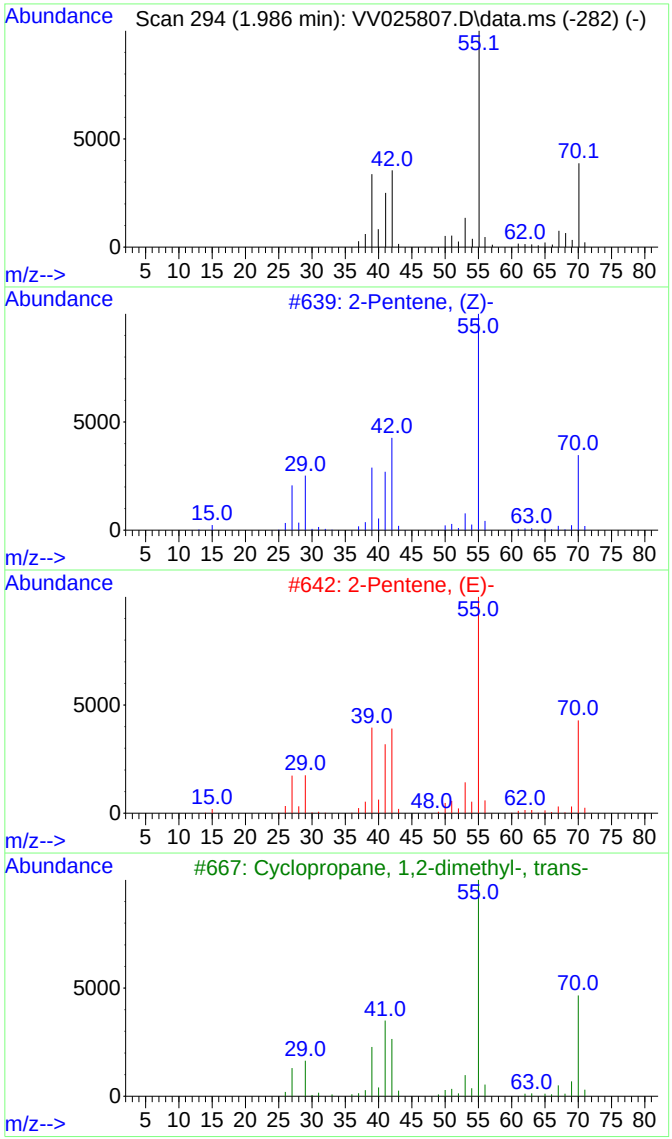
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

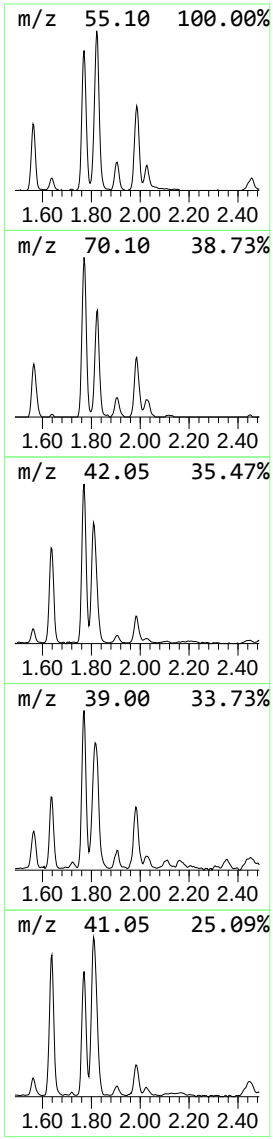
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.986	0.78 ug/L	58073	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	87
2	2-Pentene, (E)-	70	C5H10	000646-04-8	87
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	86
4	2-Pentene	70	C5H10	000109-68-2	86
5	2-Methyl-1-butene	70	C5H10	000563-46-2	83





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ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6X6

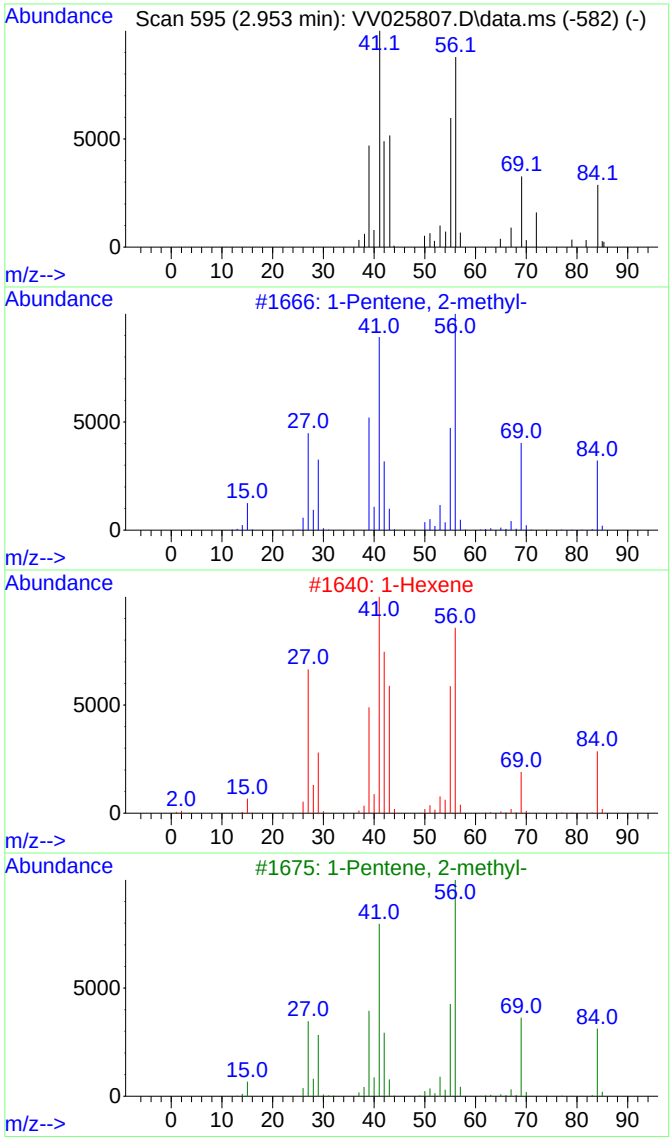
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

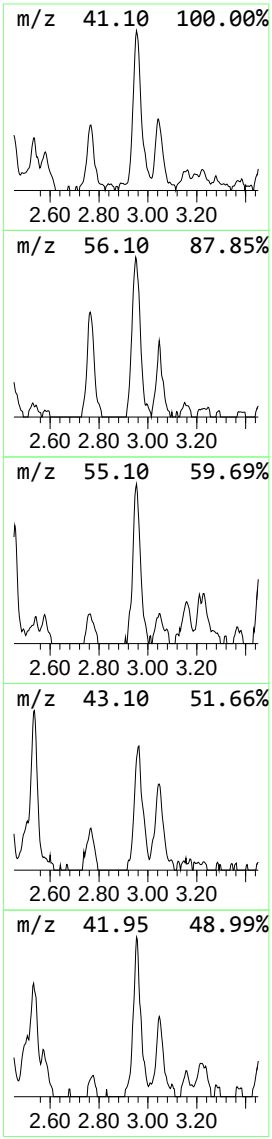
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.953	0.73 ug/L	54344	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
2	1-Hexene	84	C6H12	000592-41-6	76
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	74
4	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	50
5	1-Hexene	84	C6H12	000592-41-6	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025807.D
Acq On : 03 May 2022 20:47
Operator : SY/MD
Sample : N2625-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6X6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.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...	1.111	8.3	ug/L	616880	1	5.619	373418	5.0
(DEL) Alkane: S...	1.217	1.1	ug/L	80371	1	5.619	373418	5.0
(DEL) Alkane: S...	1.420	1.0	ug/L	71717	1	5.619	373418	5.0
(DEL) Alkane: S...	1.638	1.4	ug/L	105055	1	5.619	373418	5.0
(DEL) Alkane: C...	1.770	1.7	ug/L	124931	1	5.619	373418	5.0
(DEL) Alkane: S...	1.812	2.6	ug/L	197120	1	5.619	373418	5.0
(DEL) Alkane: S...	1.986	0.8	ug/L	58073	1	5.619	373418	5.0
(DEL) Alkane: S...	2.953	0.7	ug/L	54344	1	5.619	373418	5.0