LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

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: VV025811.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	15	22	38	rVB	1439079	1312202	95.27%	13.285%
2	1.182	39	44	49	rVB	16910	15054	1.09%	0.152%
3	1.217	49	55	72	rVB	162079	147829	10.73%	1.497%
4	1.301	72	81	95	rBV2	935551	1377419	100.00%	13.946%
5	1.359	95	99	104	rVV	29303	29284	2.13%	0.296%
6	1.391	104	109	112	rVV	18564	22148	1.61%	0.224%
7	1.420	112	118	130	rVB	131335	145527	10.57%	1.473%
8	1.568	151	164	176	rBV3	150482	203151	14.75%	2.057%
9	1.638	176	186	199	rVB	166951	209337	15.20%	2.119%
10	1.770	217	227	233	rBV	236704	294995	21.42%	2.987%
11	1.812	233	240	260	rVV3	243681	443824	32.22%	4.493%
12	1.905	261	269	278	rVB	24756	32648	2.37%	0.331%
13	1.986	283	294	301	rBV2	86432	127815	9.28%	1.294%
14	2.028	301	307	317	rVB	19839	27685	2.01%	0.280%
15	2.111	322	333	344	rBV	208857	304178	22.08%	3.080%
16	2.352	400	408	422	rVB	18005	30334	2.20%	0.307%
17	2.449	424	438	446	rBV5	22603	54364	3.95%	0.550%
18	2.536	454	465	474	rVV	17242	34658	2.52%	0.351%
19	2.577	474	478	496	rVB4	11443	20968	1.52%	0.212%
20	2.764	521	536	552	rBV2	25964	54057	3.92%	0.547%
21	2.954	582	595	610	rVB4	54978	121884	8.85%	1.234%
22	3.044	611	623	644	rVB3	30969	68056	4.94%	0.689%
23	3.156	644	658	669	rBV5	10146	25196	1.83%	0.255%
24	3.462	737	753	769	rBV3	13881	36905	2.68%	0.374%
25	3.902	880	890	921	rBV2	46668	179794	13.05%	1.820%
26	4.352	1012	1030	1053	rBV	115218	305490	22.18%	3.093%
27	4.761	1143	1157	1177	rVB7	7391	22279	1.62%	0.226%
28	4.915	1192	1205	1223	rVB4	10735	27397	1.99%	0.277%
29	5.050	1230	1247	1282	rBV2	257569	668452	48.53%	6.768%
30	5.320	1317	1331	1340	rBV5	7909	17782	1.29%	0.180%
31	5.384	1341	1351	1370	rVB8	13665	37556	2.73%	0.380%
32	5.500	1375	1387	1395	rBV6	9278	19333	1.40%	0.196%
33	5.619	1412	1424	1454	rBV	174895	382140	27.74%	3.869%
34	6.072	1547	1565	1582	rBV	148489	311909	22.64%	3.158%
35	6.989	1838	1850	1873	rBV3	58694	114002	8.28%	1.154%
36	7.317	1941	1952	1969	rBV	289736	508737	36.93%	5.151%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

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

37	7.397	1969	1977	1990	rVB2	17130	33531	2.43%	0.339%
38	7.625	2040	2048	2074	rVB3	32583	70144	5.09%	0.710%
39	8.088	2183	2192	2221	rBV	259907	511720	37.15%	5.181%
40	8.850	2416	2429	2447	rBV	276306	455663	33.08%	4.613%
41	9.018	2472	2481	2490	rBV	10972	17028	1.24%	0.172%
42	9.143	2513	2520	2529	rBV	10272	16257	1.18%	0.165%
43	10.214	2842	2853	2867	rBV	93821	149308	10.84%	1.512%
44	11.249	3163	3175	3194	rBV	270975	424431	30.81%	4.297%
45	11.532	3254	3263	3272	rBV	14776	24997	1.81%	0.253%
46	11.622	3280	3291	3308	rBV	255634	404341	29.35%	4.094%
47	12.342	3507	3515	3526	rBV3	13077	20112	1.46%	0.204%
48	17.091	4983	4992	5001	rBV	9128	15167	1.10%	0.154%

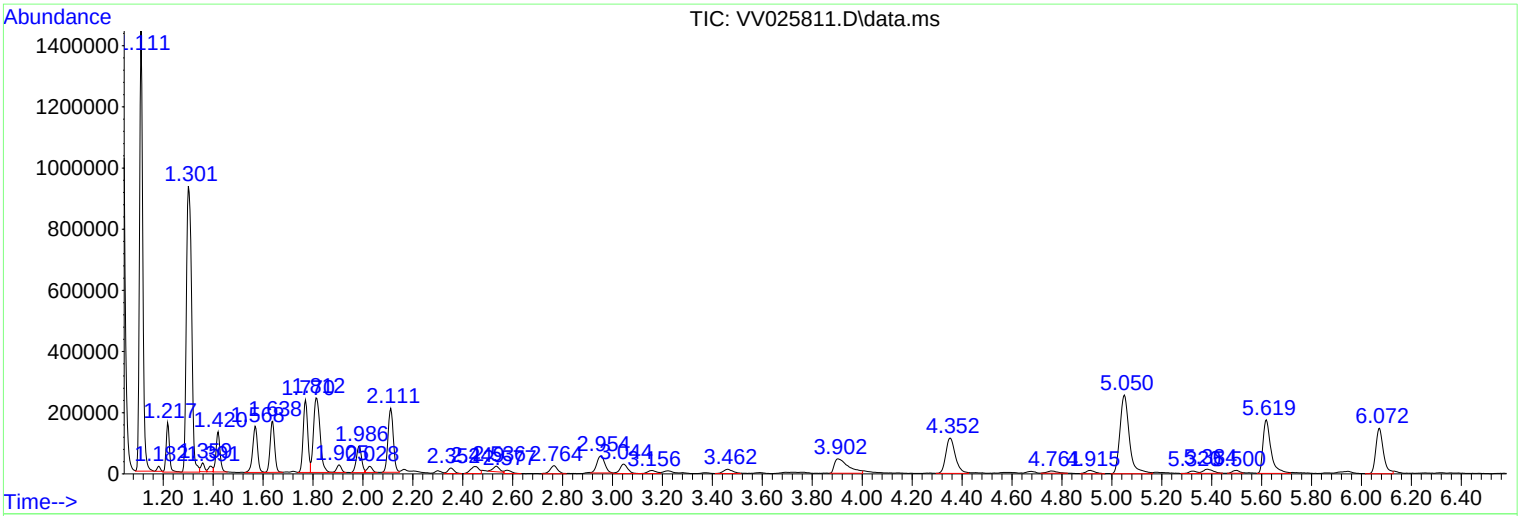
Sum of corrected areas: 9877088

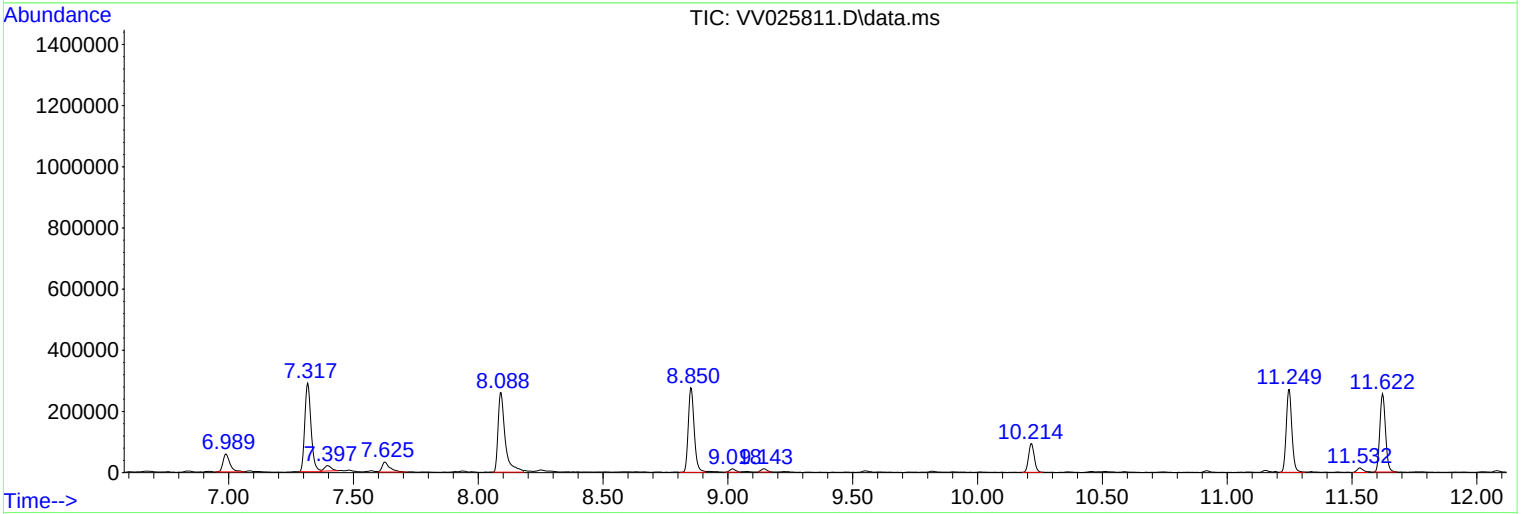
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

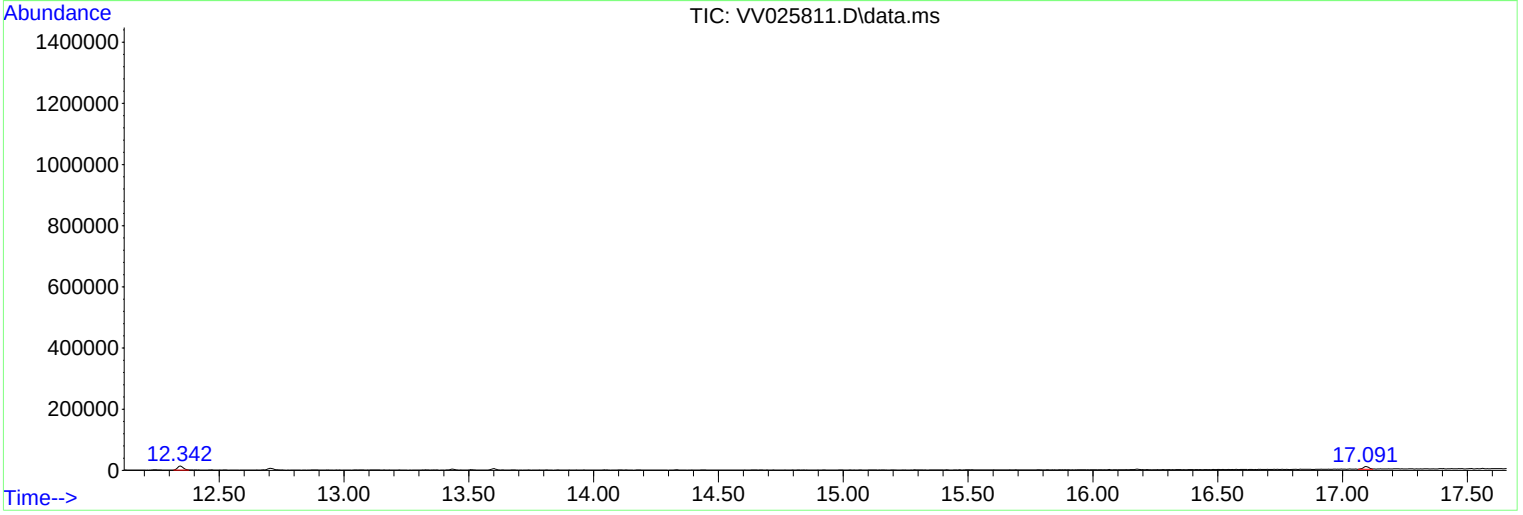
Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

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 : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

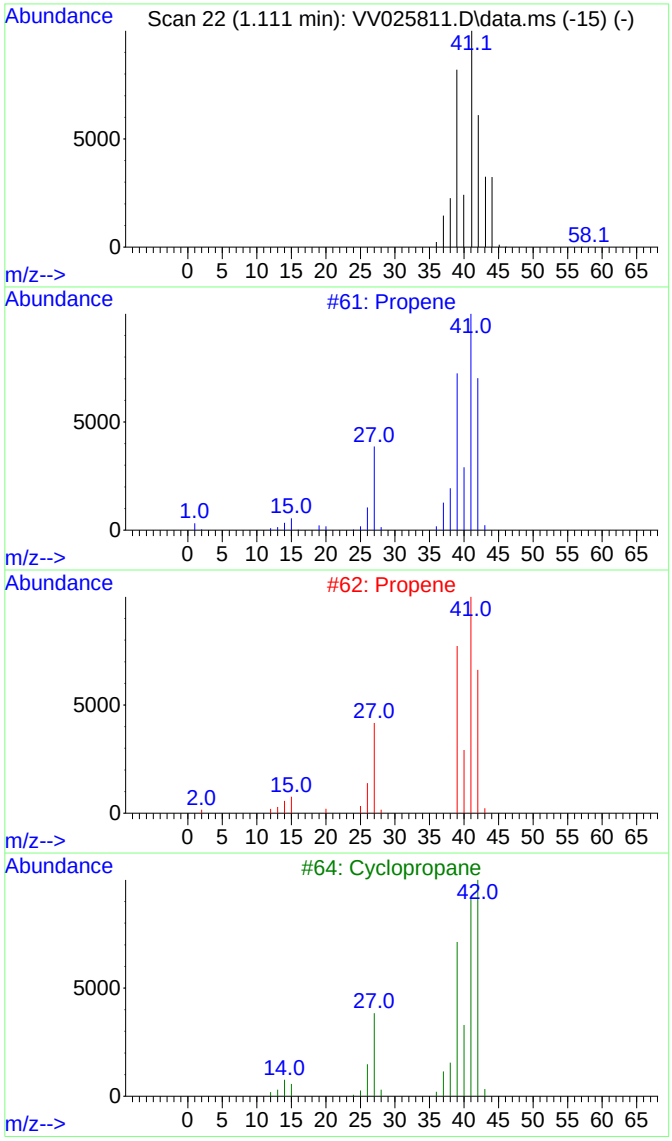
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

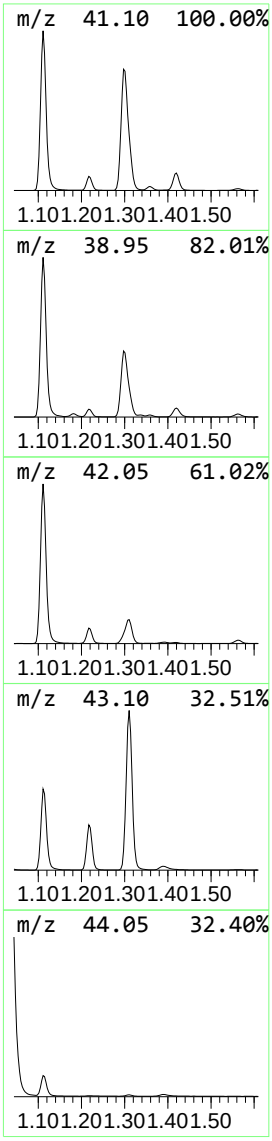
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.111	17.17 ug/L	1312200	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	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

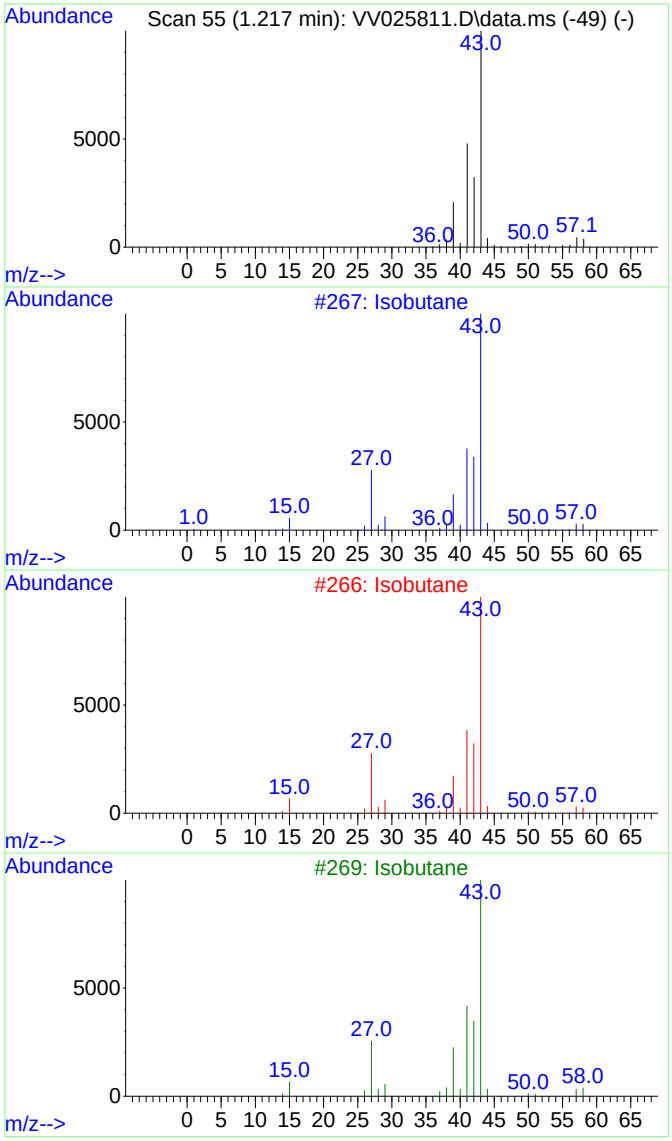
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

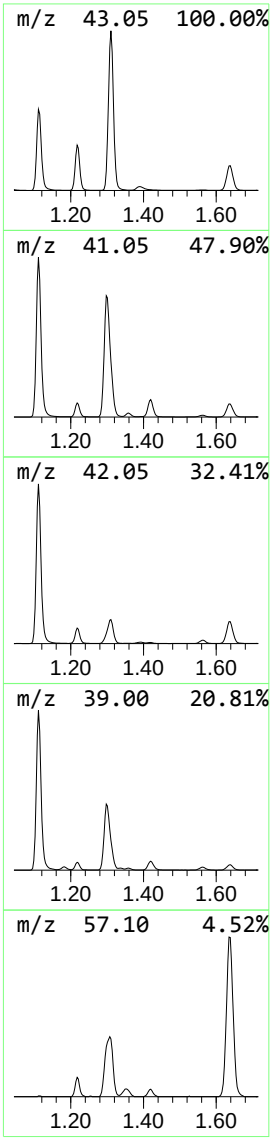
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.217	1.93 ug/L	147829	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	72
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	64
5	Isobutane	58	C4H10	000075-28-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

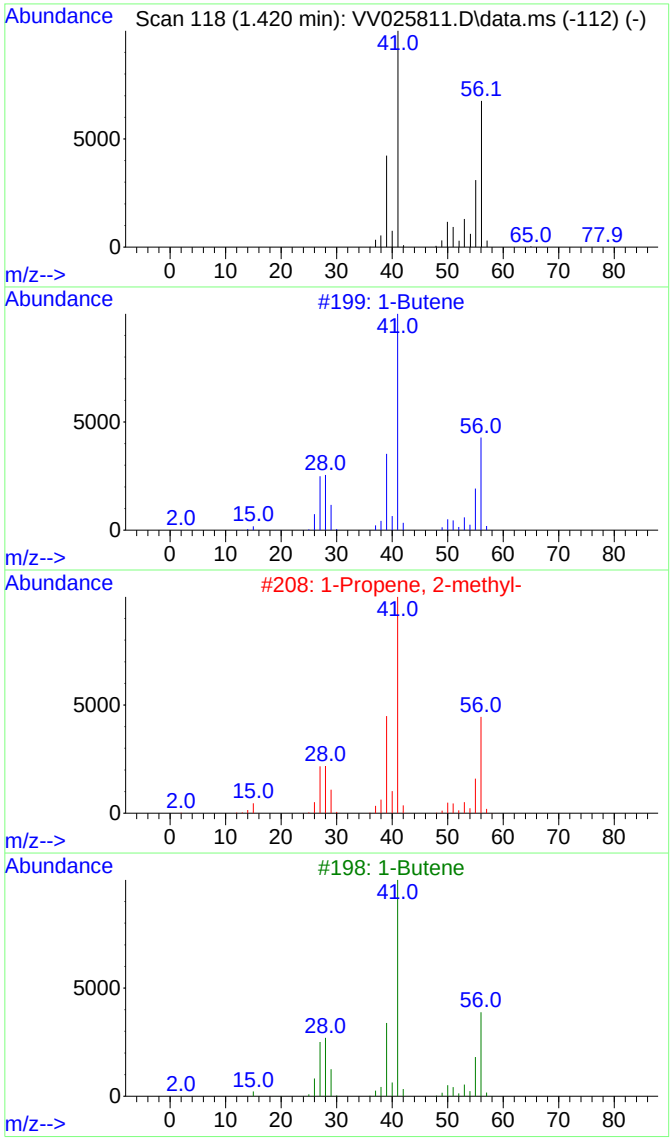
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

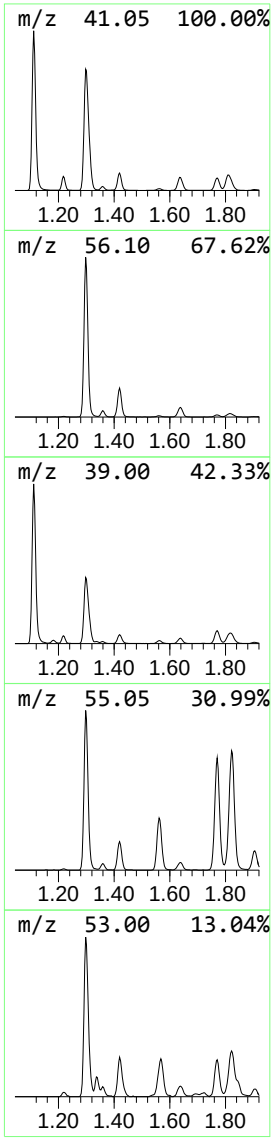
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.420	1.90 ug/L	145527	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-Propene, 2-methyl-	56	C4H8	000115-11-7	83
3	1-Butene	56	C4H8	000106-98-9	80
4	1-Butene	56	C4H8	000106-98-9	80
5	2-Butene, (Z)-	56	C4H8	000590-18-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

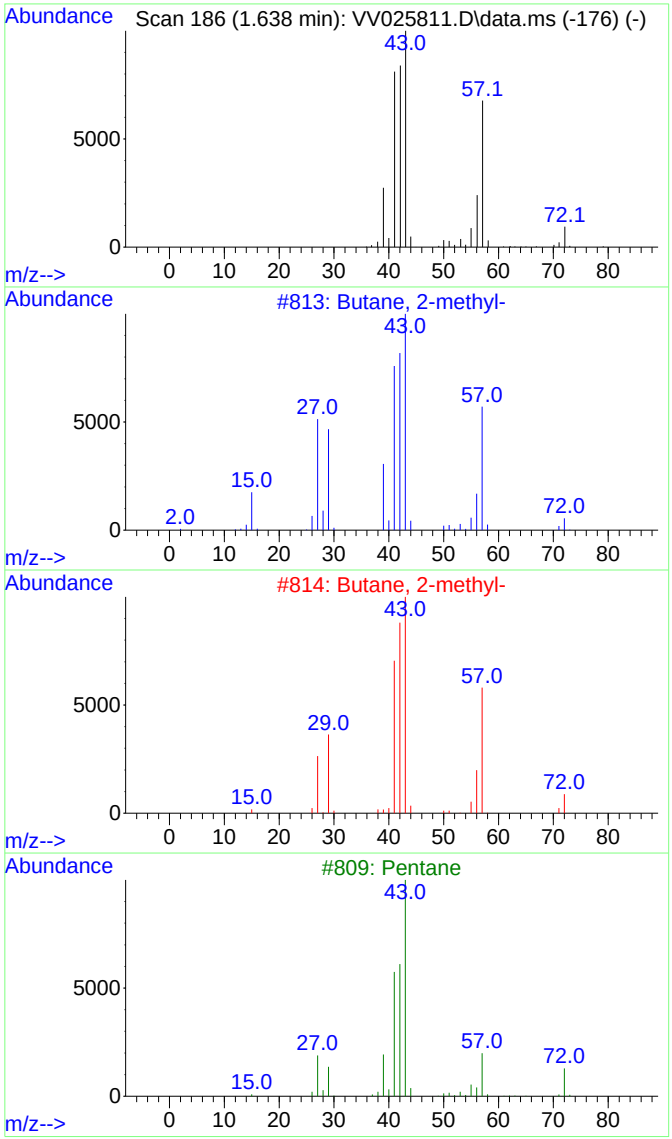
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

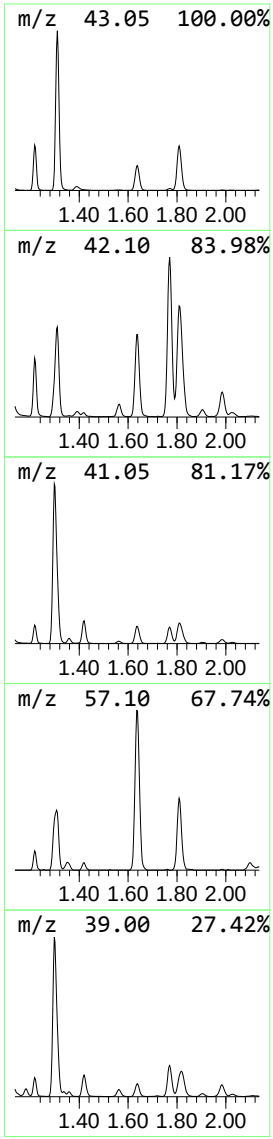
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.638	2.74 ug/L	209337	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Pentane	72	C5H12	000109-66-0	50
4	Pentane	72	C5H12	000109-66-0	45
5	3-Buten-1-ol	72	C4H8O	000627-27-0	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

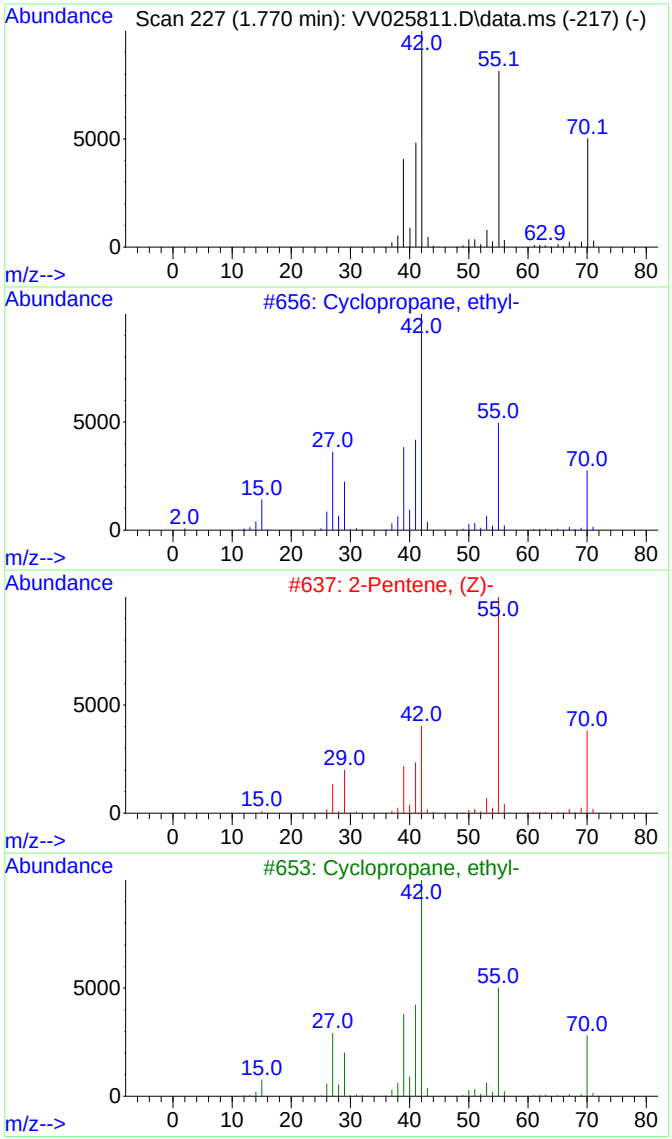
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

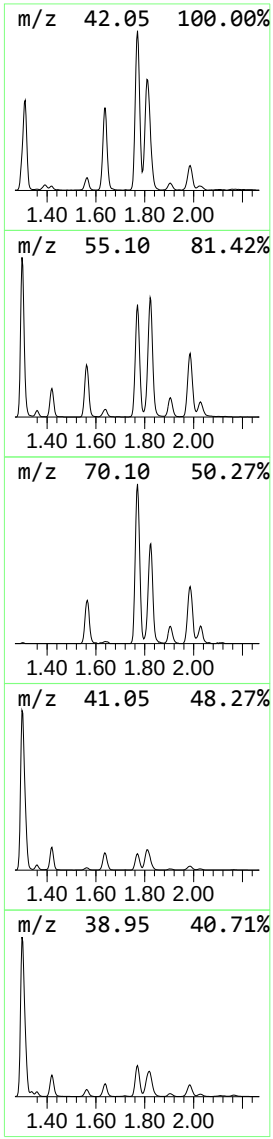
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.770	3.86 ug/L	294995	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	90
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	83
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	76
4	1-Pentene	70	C5H10	000109-67-1	76
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

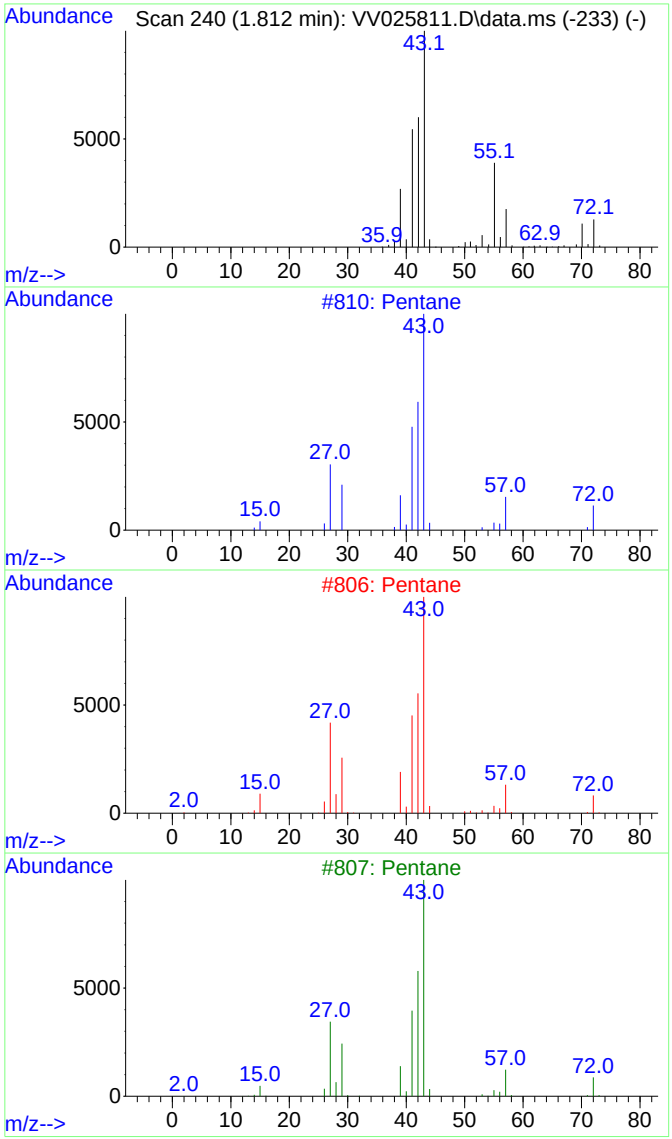
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

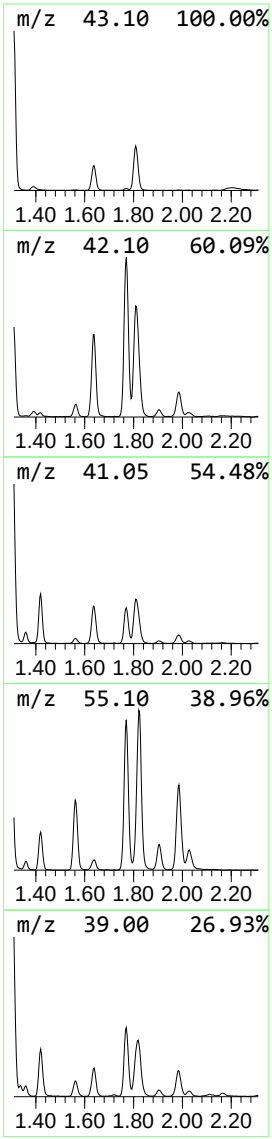
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.812	5.81 ug/L	443824	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	72
4	Pentane	72	C5H12	000109-66-0	72
5	Pentane	72	C5H12	000109-66-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

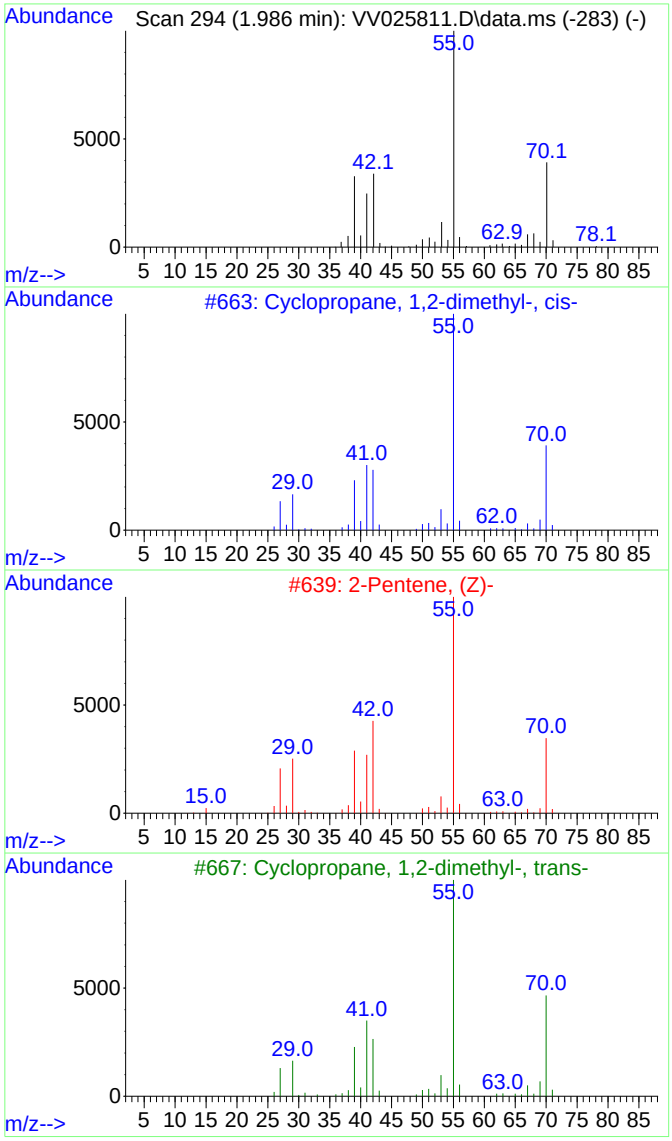
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

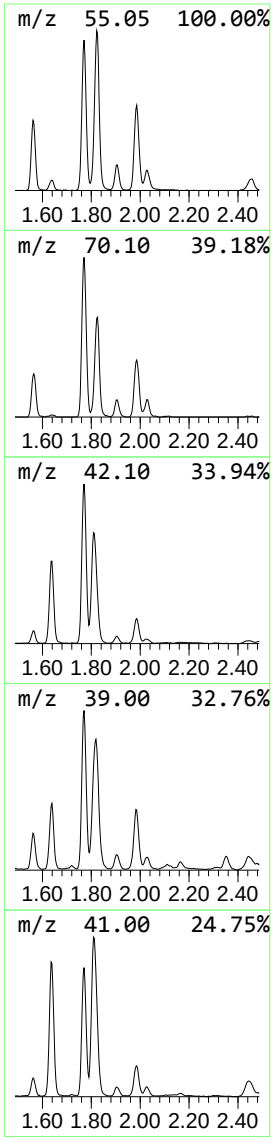
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic1.986 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.986	1.67 ug/L	127815	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	87
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	86
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	83
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

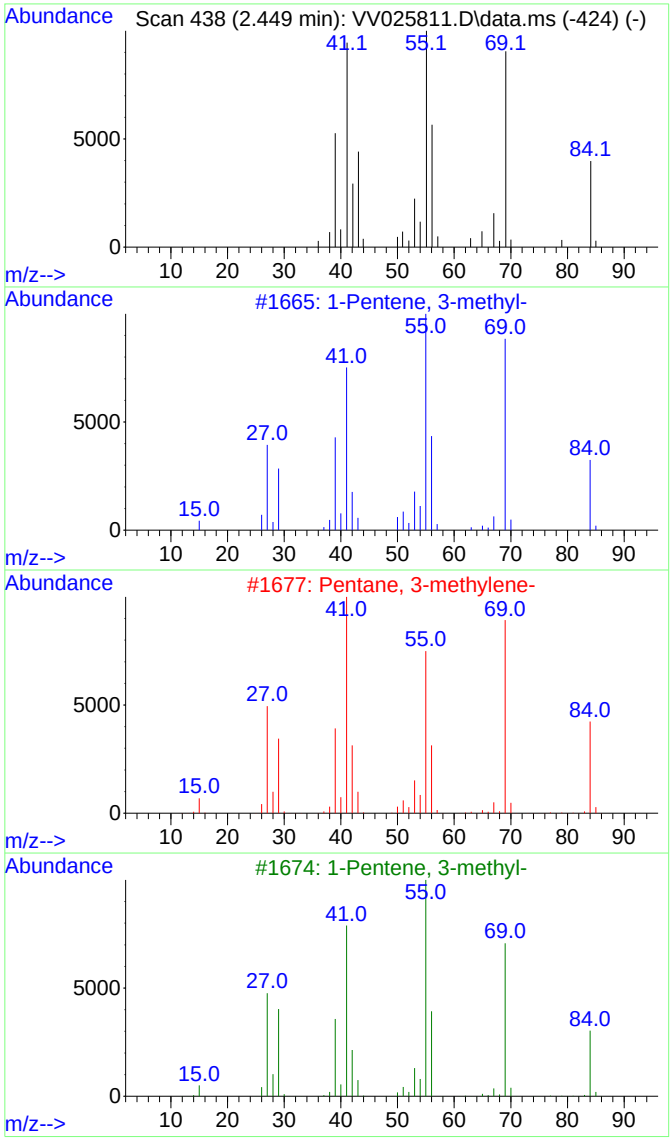
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

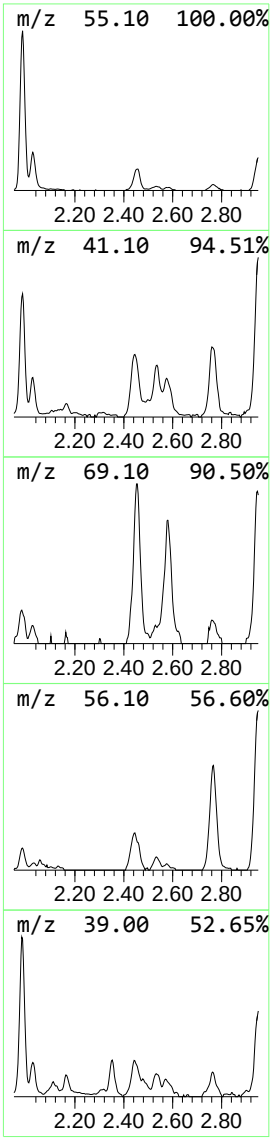
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.449	0.71 ug/L	54364	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	91
2	Pentane, 3-methylene-	84	C6H12	000760-21-4	87
3	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	68
4	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	68
5	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

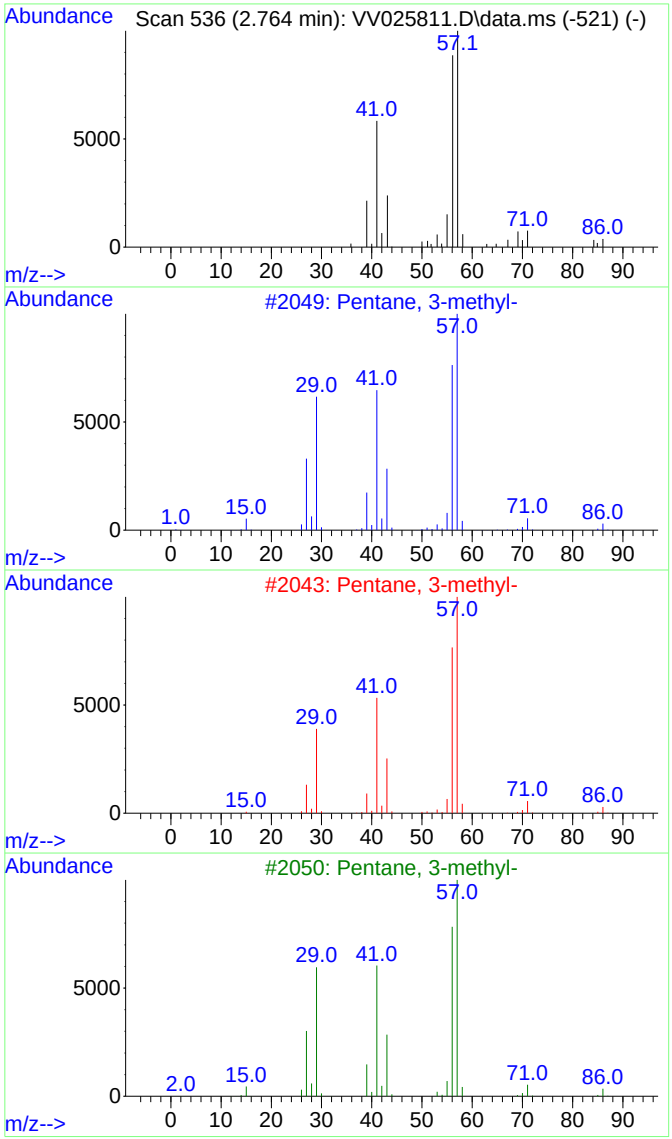
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

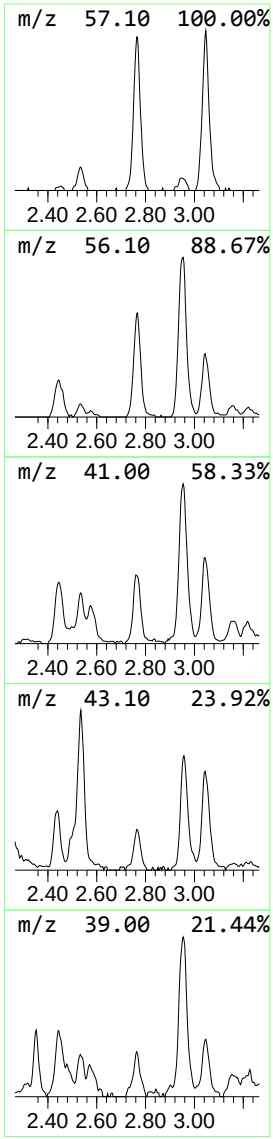
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.764	0.71 ug/L	54057	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	74
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

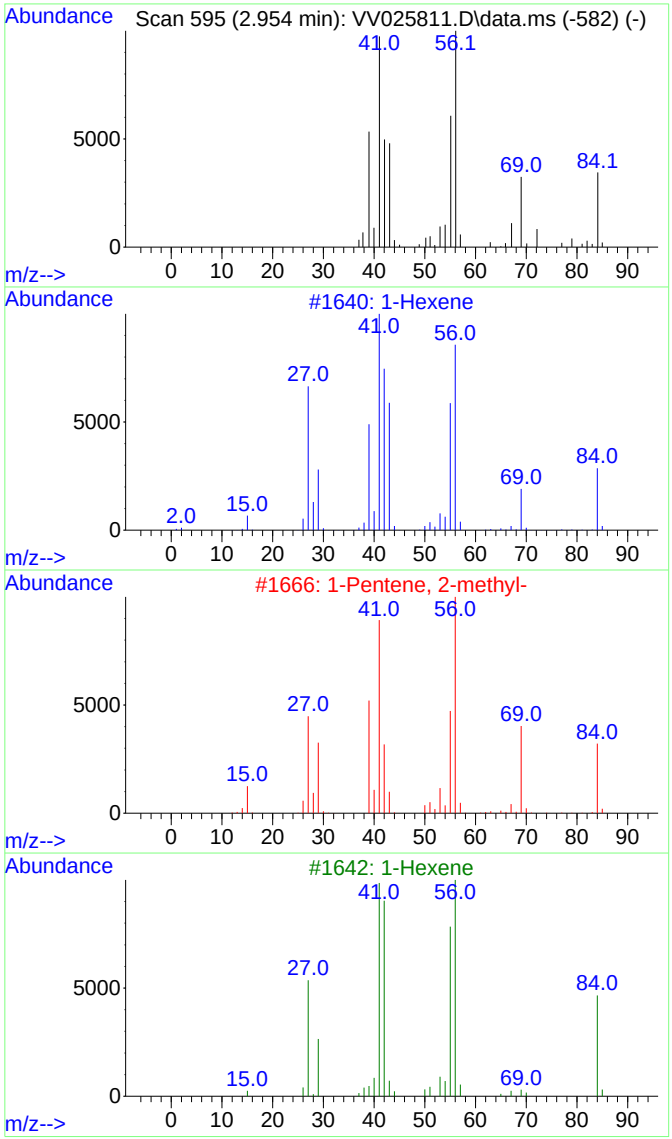
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

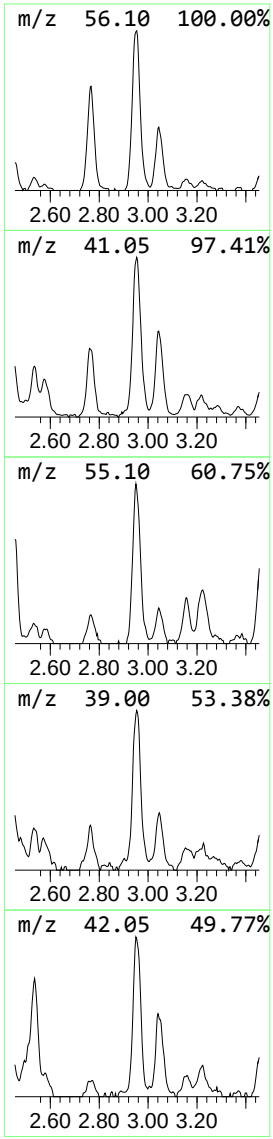
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.954	1.59 ug/L	121884	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	76
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	74
3	1-Hexene	84	C6H12	000592-41-6	64
4	1-Hexene	84	C6H12	000592-41-6	62
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

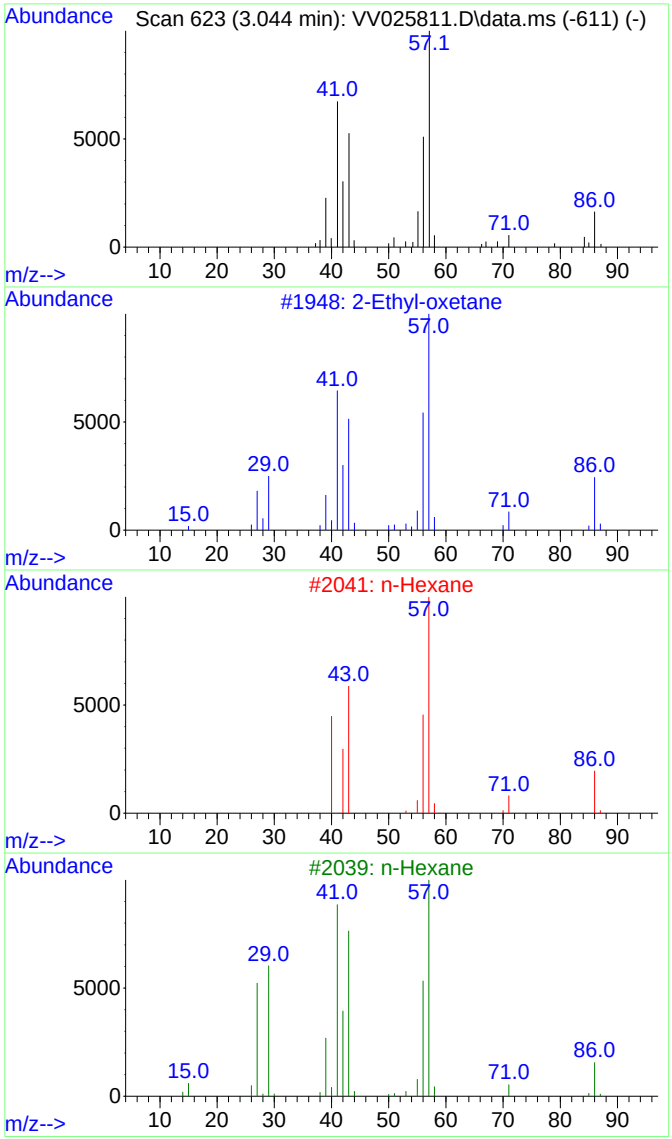
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

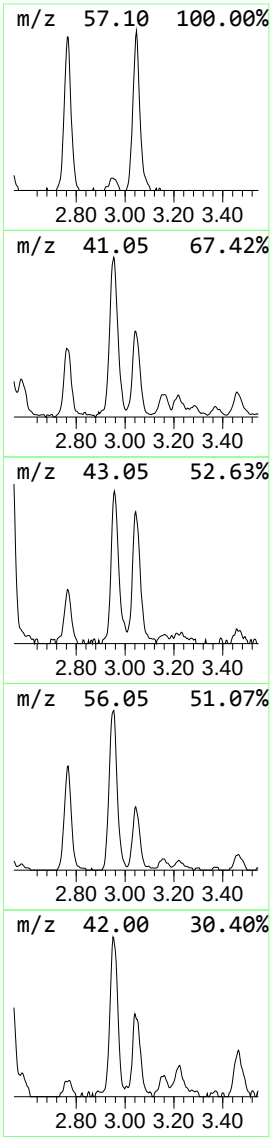
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2-Ethyl-oxetane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.044	0.89 ug/L	68056	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	80
2	n-Hexane	86	C6H14	000110-54-3	80
3	n-Hexane	86	C6H14	000110-54-3	78
4	n-Hexane	86	C6H14	000110-54-3	72
5	n-Hexane	86	C6H14	000110-54-3	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025811.D
Acq On : 03 May 2022 22:21
Operator : SY/MD
Sample : N2625-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

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	17.2	ug/L	1312200	1	5.619	382140	5.0
(DEL) Alkane: S...	1.217	1.9	ug/L	147829	1	5.619	382140	5.0
(DEL) Alkane: S...	1.420	1.9	ug/L	145527	1	5.619	382140	5.0
(DEL) Alkane: S...	1.638	2.7	ug/L	209337	1	5.619	382140	5.0
(DEL) Alkane: C...	1.770	3.9	ug/L	294995	1	5.619	382140	5.0
(DEL) Alkane: S...	1.812	5.8	ug/L	443824	1	5.619	382140	5.0
(DEL) Alkane: C...	1.986	1.7	ug/L	127815	1	5.619	382140	5.0
(DEL) Alkane: S...	2.449	0.7	ug/L	54364	1	5.619	382140	5.0
(DEL) Alkane: S...	2.764	0.7	ug/L	54057	1	5.619	382140	5.0
(DEL) Alkane: S...	2.954	1.6	ug/L	121884	1	5.619	382140	5.0
2-Ethyl-oxetane	3.044	0.9	ug/L	68056	1	5.619	382140	5.0