LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041522\
Data File : VV025594.D
Acq On : 16 Apr 2022 02:38
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

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\SFAMVTR040822WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV025594.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	15	21	38	rVB	432179	414359	94.73%	14.931%
2	1.217	49	55	65	rBV	67239	60140	13.75%	2.167%
3	1.298	72	80	94	rBV2	300334	437421	100.00%	15.762%
4	1.355	95	98	103	rVB2	10017	8976	2.05%	0.323%
5	1.417	111	117	128	rVB	46169	51712	11.82%	1.863%
6	1.561	154	162	170	rVB	20468	24542	5.61%	0.884%
7	1.635	176	185	196	rBV	73350	90607	20.71%	3.265%
8	1.767	218	226	232	rBV	80985	99258	22.69%	3.577%
9	1.809	232	239	259	rVB3	88469	160213	36.63%	5.773%
10	1.902	259	268	282	rVB3	10229	16955	3.88%	0.611%
11	1.982	282	293	301	rBV	30008	44021	10.06%	1.586%
12	2.027	302	307	316	rVB4	6783	8706	1.99%	0.314%
13	2.349	400	407	421	rVB2	5290	8815	2.02%	0.318%
14	2.452	425	439	449	rBV8	6851	18496	4.23%	0.667%
15	2.529	457	463	471	rVB6	6068	9308	2.13%	0.335%
16	2.761	523	535	551	rVB4	7853	16162	3.69%	0.582%
17	2.947	582	593	611	rBV5	14892	34063	7.79%	1.227%
18	3.044	612	623	637	rVB2	9293	18445	4.22%	0.665%
19	5.111	1256	1266	1280	rBV3	5901	12856	2.94%	0.463%
20	5.619	1412	1424	1450	rBV	123716	263536	60.25%	9.497%
21	7.397	1967	1977	1989	rBV	11727	23101	5.28%	0.832%
22	7.976	2136	2157	2173	rBV3	88046	161804	36.99%	5.831%
23	8.850	2418	2429	2453	rBV	194848	326331	74.60%	11.759%
24	9.021	2472	2482	2491	rVB2	8490	13965	3.19%	0.503%
25	9.143	2512	2520	2532	rBV3	5255	9144	2.09%	0.330%
26	9.815	2723	2729	2740	rBV8	4188	6478	1.48%	0.233%
27	10.384	2891	2906	2916	rVB5	10976	19682	4.50%	0.709%
28	10.918	3062	3072	3087	rVB3	4141	5893	1.35%	0.212%
29	11.153	3135	3145	3155	rBV7	8918	14725	3.37%	0.531%
30	11.249	3164	3175	3193	rBV	199930	309246	70.70%	11.144%
31	11.532	3255	3263	3273	rBV9	3622	6596	1.51%	0.238%
32	11.628	3285	3293	3307	rVB9	3067	6204	1.42%	0.224%
33	12.249	3477	3486	3497	rVB2	9381	15646	3.58%	0.564%
34	12.342	3506	3515	3526	rBV4	25006	39136	8.95%	1.410%
35	13.435	3847	3855	3865	rBV6	8229	11969	2.74%	0.431%
36	14.037	4032	4042	4050	rBV2	3760	6573	1.50%	0.237%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041522\
Data File : VV025594.D
Acq On : 16 Apr 2022 02:38
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

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\SFAMVTR040822WMA.M
Title : TRACE VOA SFAM1.0

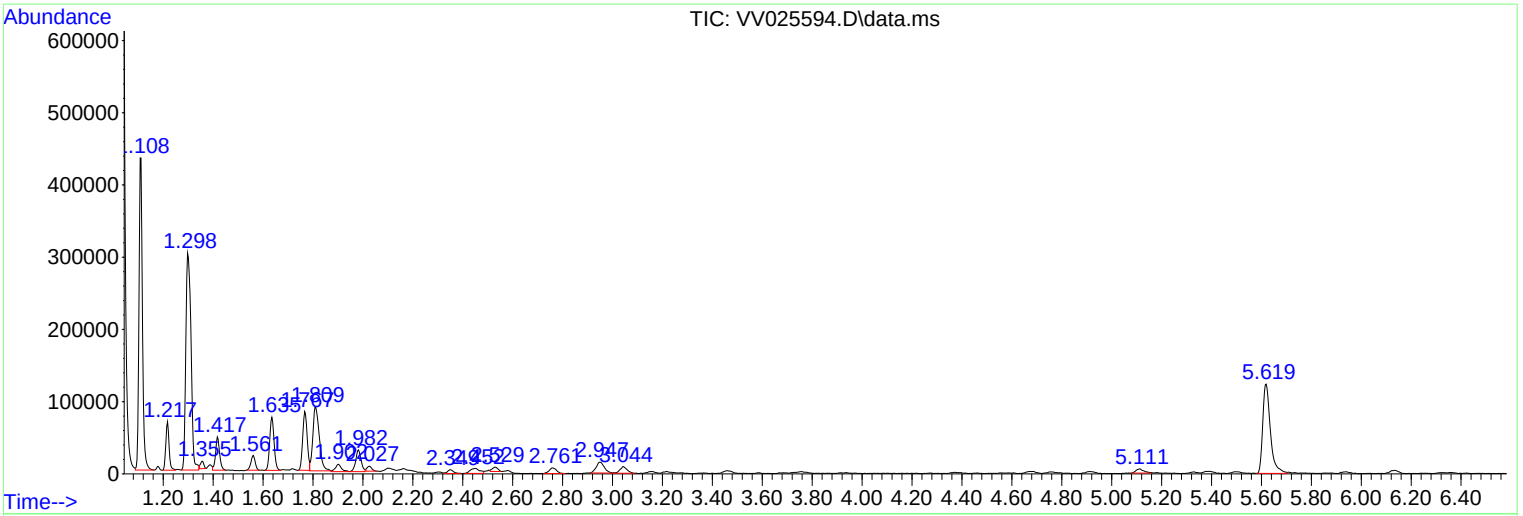
Sum of corrected areas: 2775084

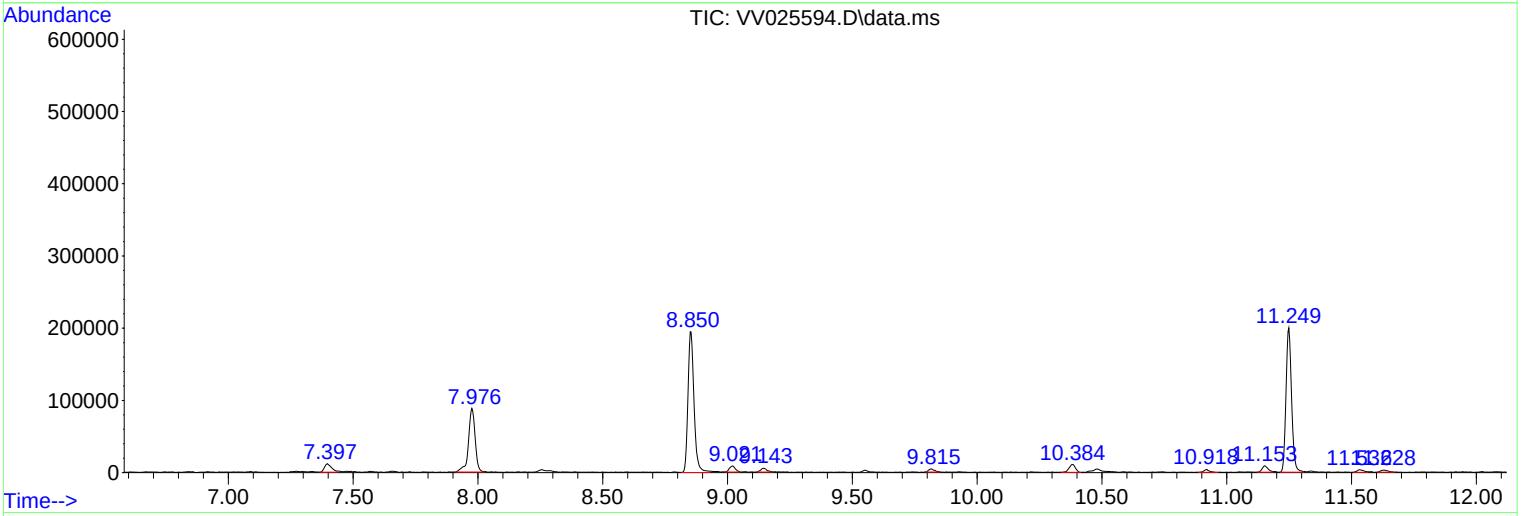
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041522\
Data File : VV025594.D
Acq On : 16 Apr 2022 02:38
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

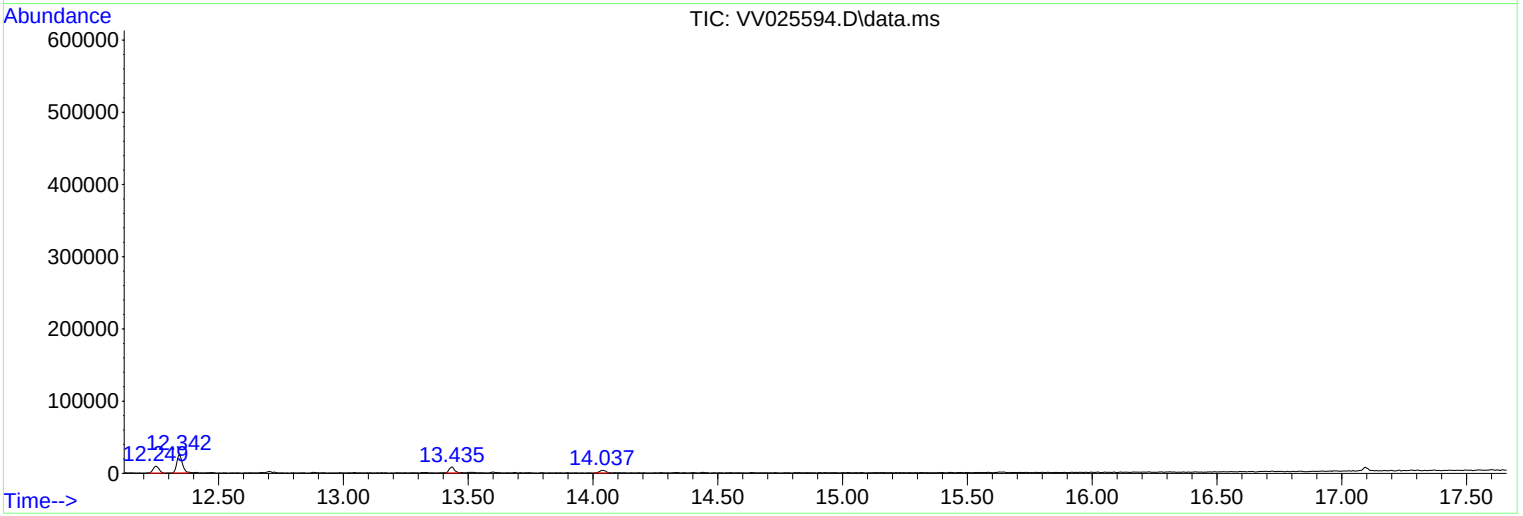
Instrument :
MSVOA_V
ClientSampleId :
EW6T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.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\VV041522\
Data File : VV025594.D
Acq On : 16 Apr 2022 02:38
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

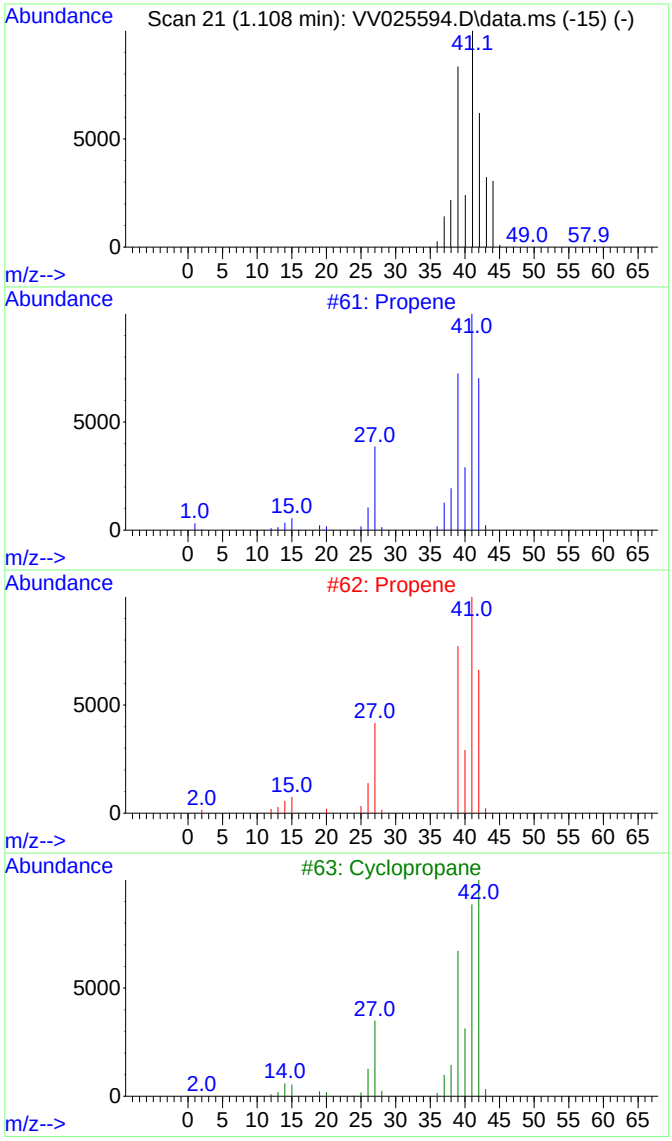
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

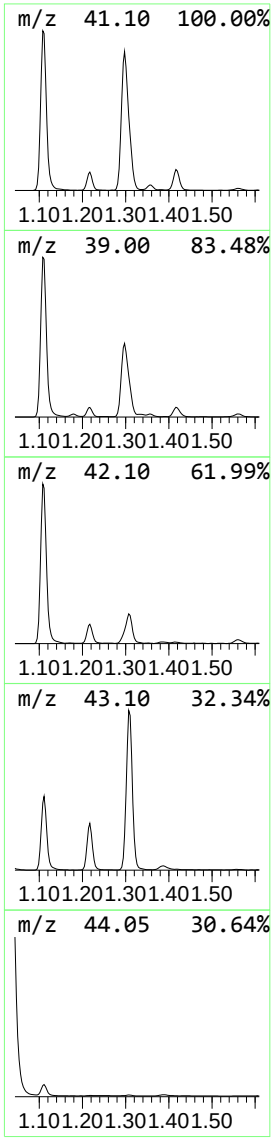
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	7.86 ug/L	414359	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	40
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropene	40	C3H4	002781-85-3	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041522\
Data File : VV025594.D
Acq On : 16 Apr 2022 02:38
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

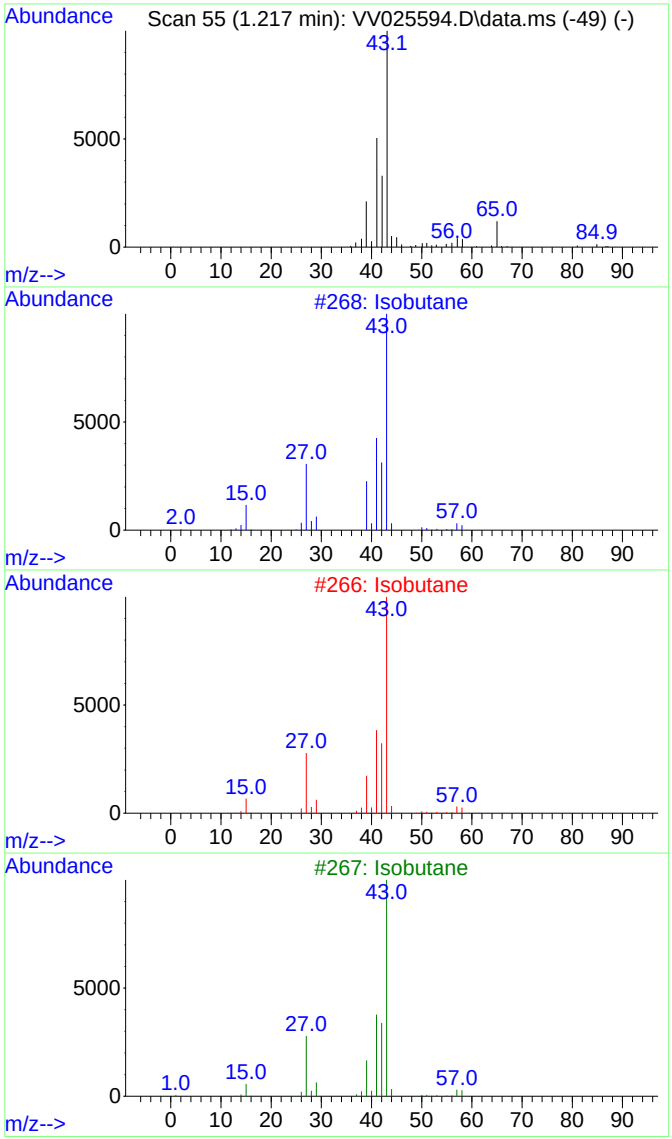
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

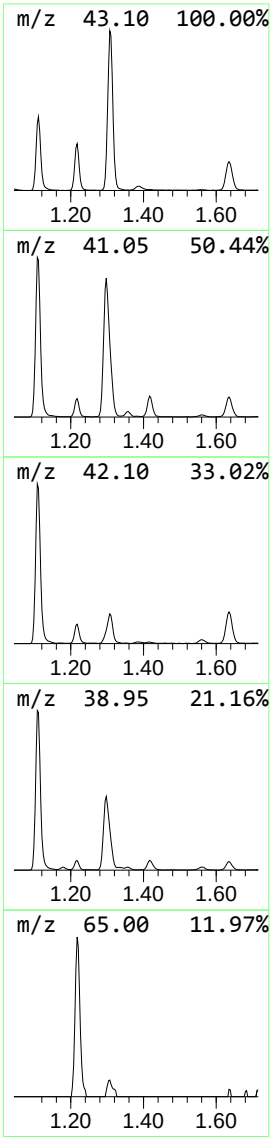
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.217	1.14 ug/L	60140	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	50
2	Isobutane	58	C4H10	000075-28-5	50
3	Isobutane	58	C4H10	000075-28-5	50
4	Isobutane	58	C4H10	000075-28-5	50
5	Isobutane	58	C4H10	000075-28-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041522\
Data File : VV025594.D
Acq On : 16 Apr 2022 02:38
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

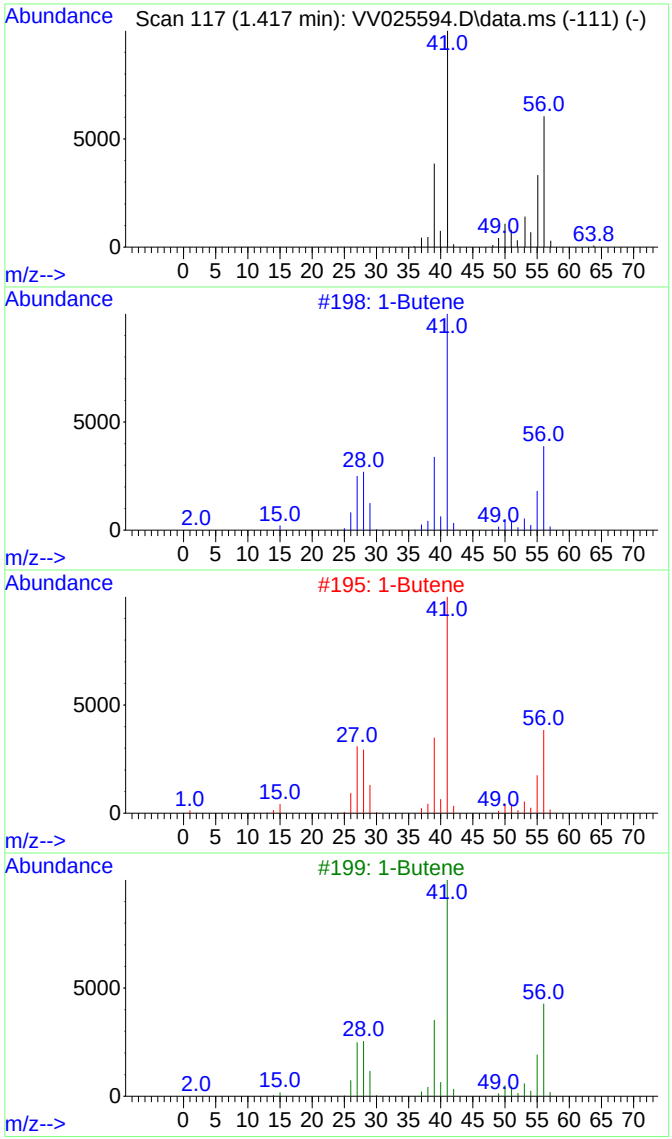
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

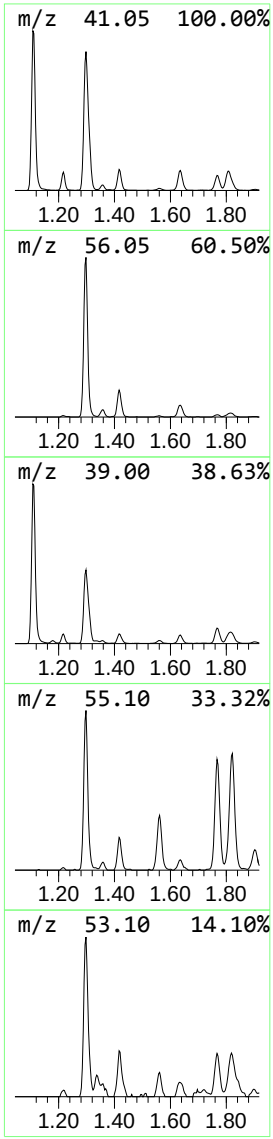
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.417	0.98 ug/L	51712	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	86
2	1-Butene	56	C4H8	000106-98-9	80
3	1-Butene	56	C4H8	000106-98-9	80
4	2-Butene, (Z)-	56	C4H8	000590-18-1	80
5	2-Butene, (Z)-	56	C4H8	000590-18-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041522\
Data File : VV025594.D
Acq On : 16 Apr 2022 02:38
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

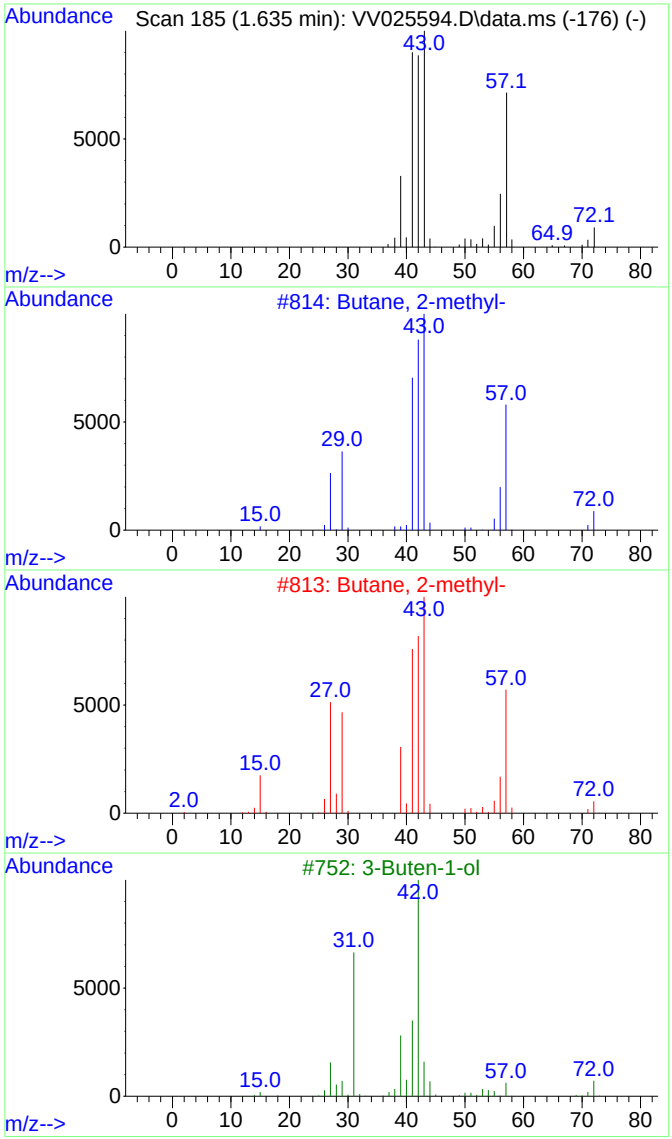
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

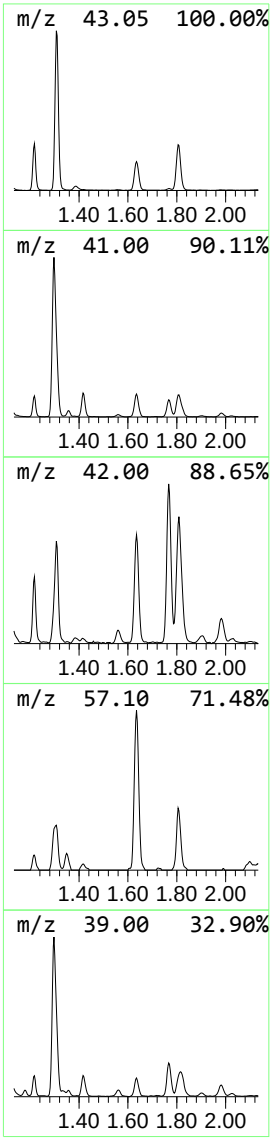
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.635	1.72 ug/L	90607	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	38
4	Pentane	72	C5H12	000109-66-0	36
5	Oxirane, trimethyl-	86	C5H10O	005076-19-7	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041522\
Data File : VV025594.D
Acq On : 16 Apr 2022 02:38
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

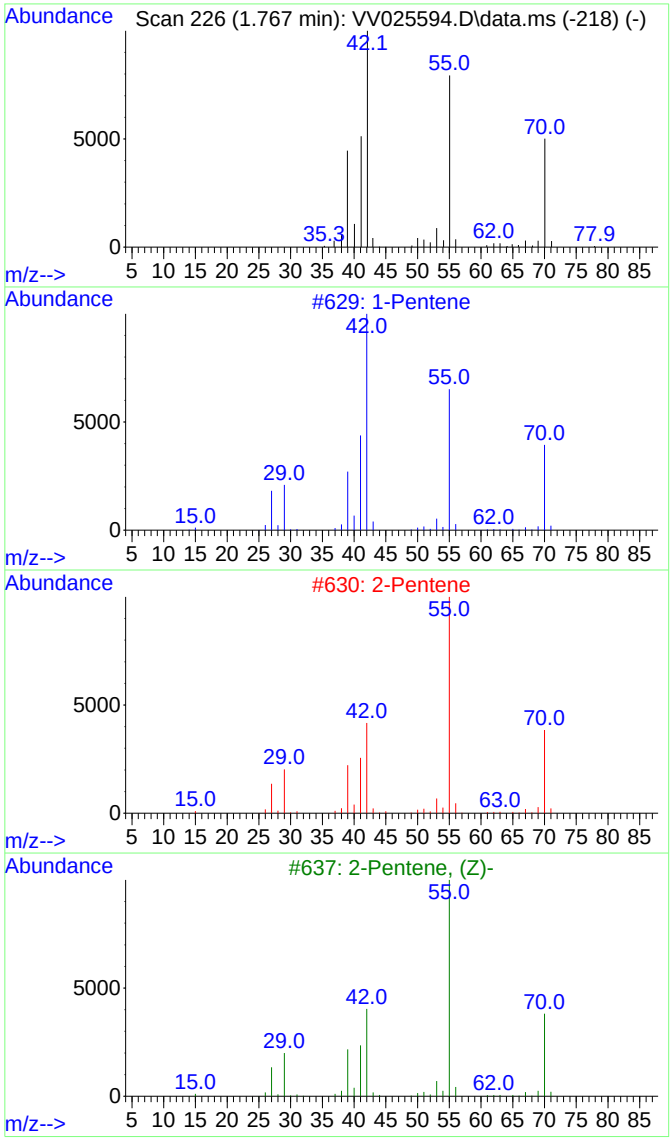
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

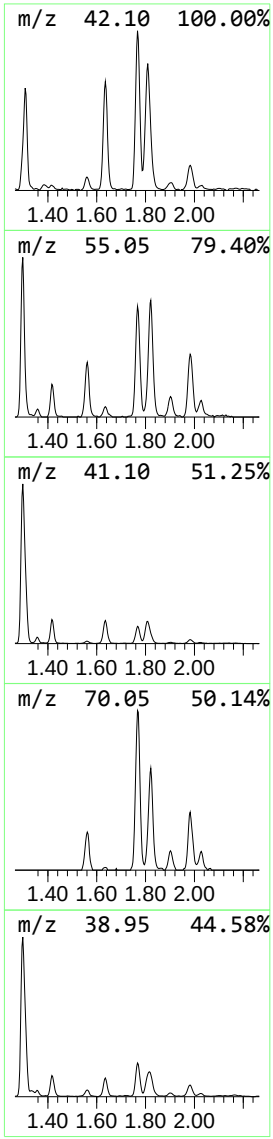
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.767	1.88 ug/L	99258	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	76
2	2-Pentene	70	C5H10	000109-68-2	74
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	74
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041522\
Data File : VV025594.D
Acq On : 16 Apr 2022 02:38
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

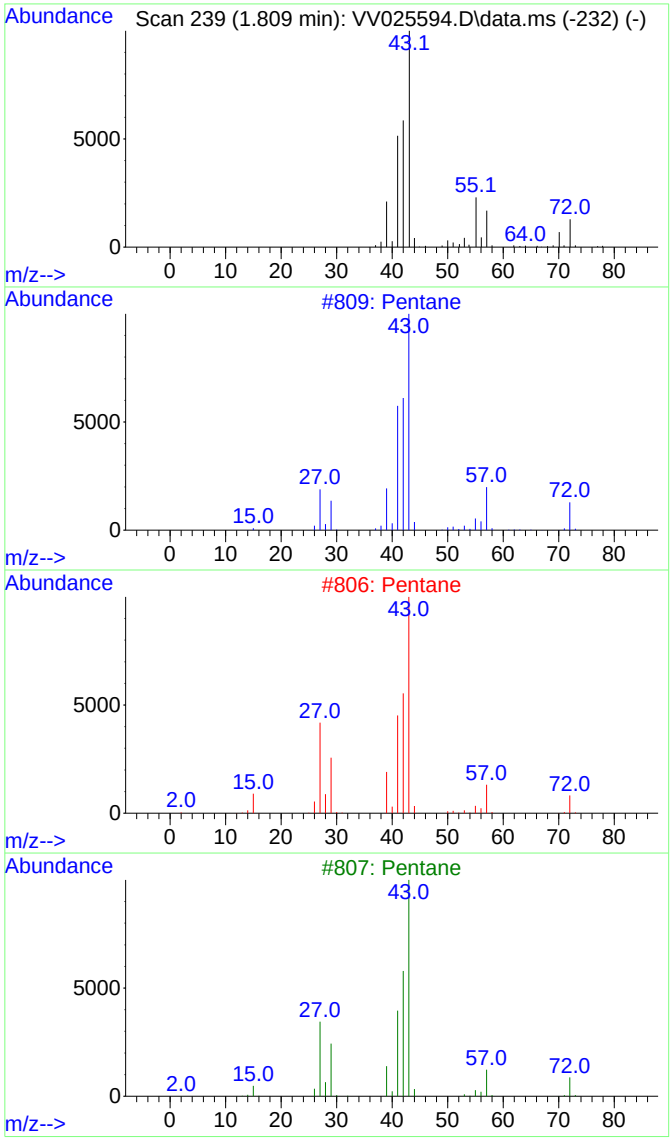
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

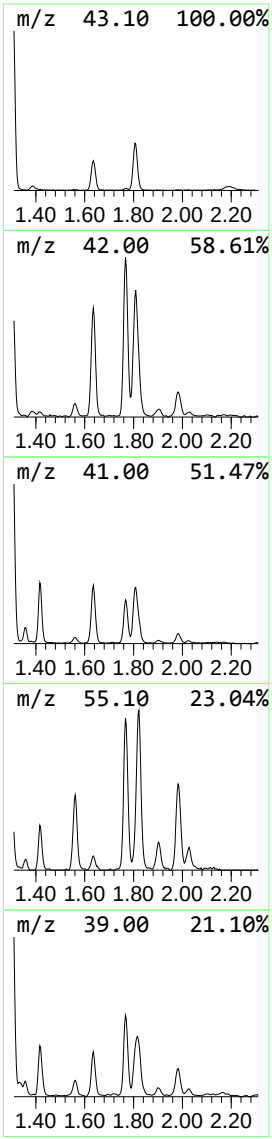
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.809	3.04 ug/L	160213	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	83
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	80
5	Pentane	72	C5H12	000109-66-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041522\
Data File : VV025594.D
Acq On : 16 Apr 2022 02:38
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

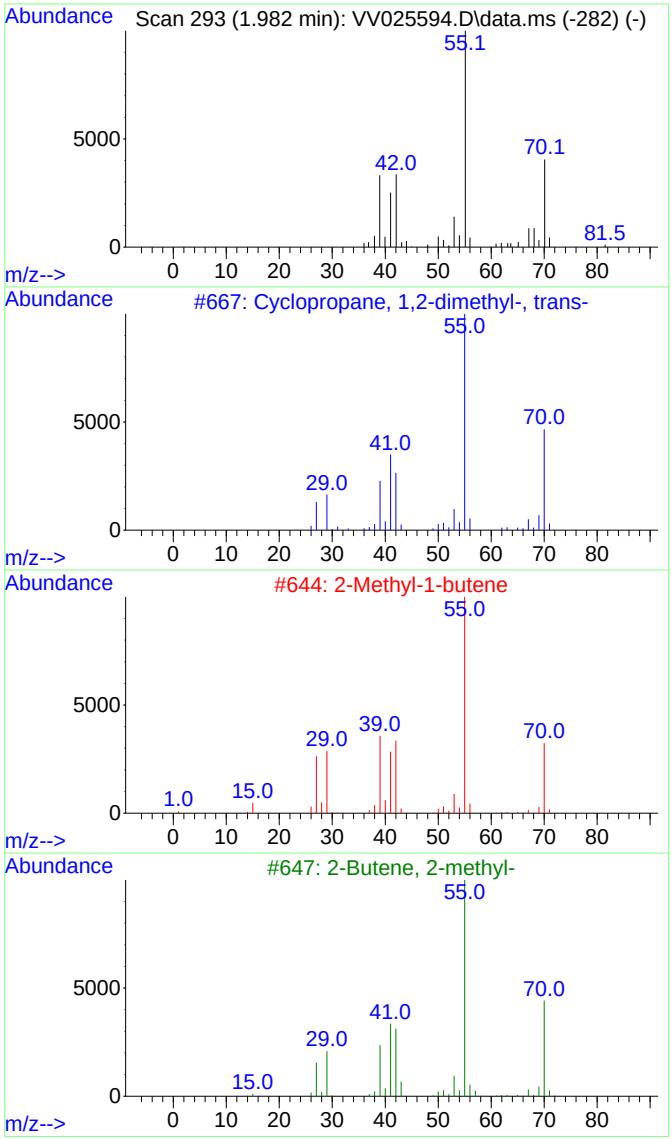
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

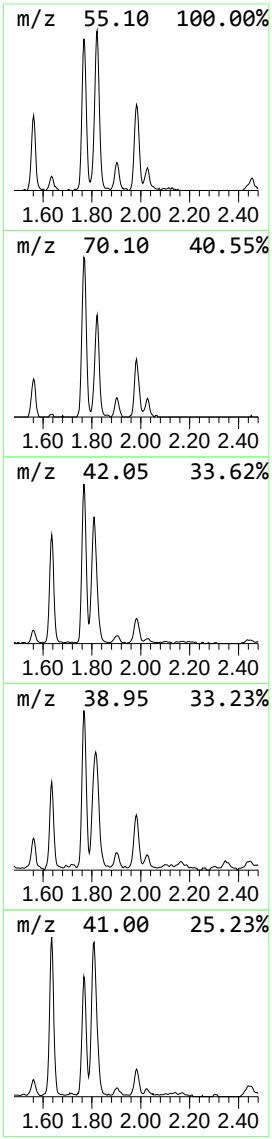
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic1.982 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.982	0.84 ug/L	44021	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	86
2	2-Methyl-1-butene	70	C5H10	000563-46-2	80
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	80
4	2-Methyl-1-butene	70	C5H10	000563-46-2	80
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041522\
Data File : VV025594.D
Acq On : 16 Apr 2022 02:38
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

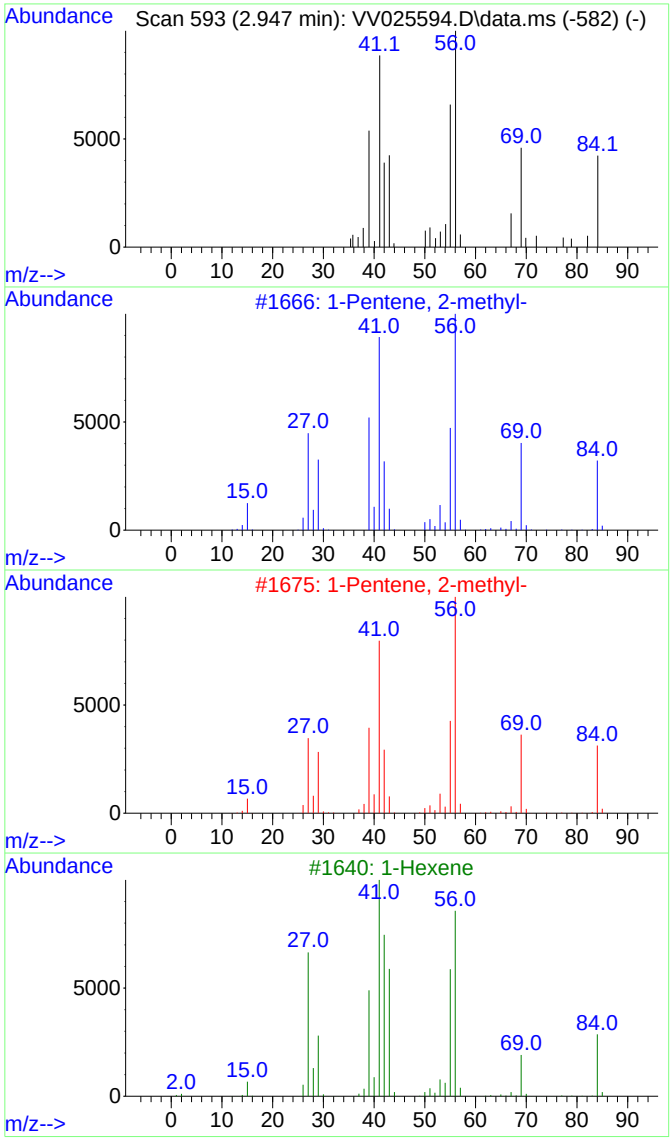
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

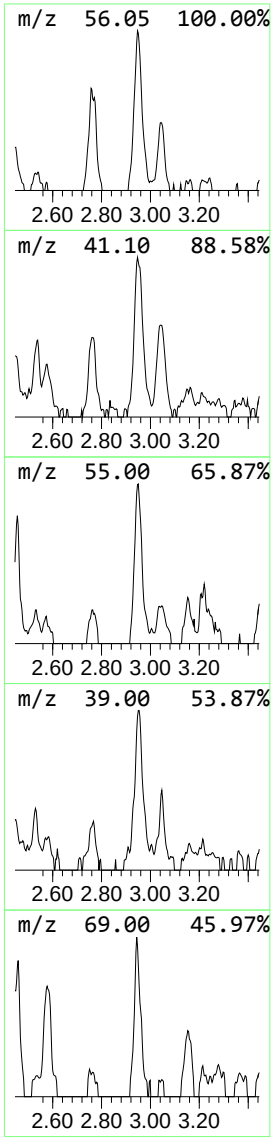
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.947	0.65 ug/L	34063	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	1-Hexene	84	C6H12	000592-41-6	59
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	52
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041522\
Data File : VV025594.D
Acq On : 16 Apr 2022 02:38
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

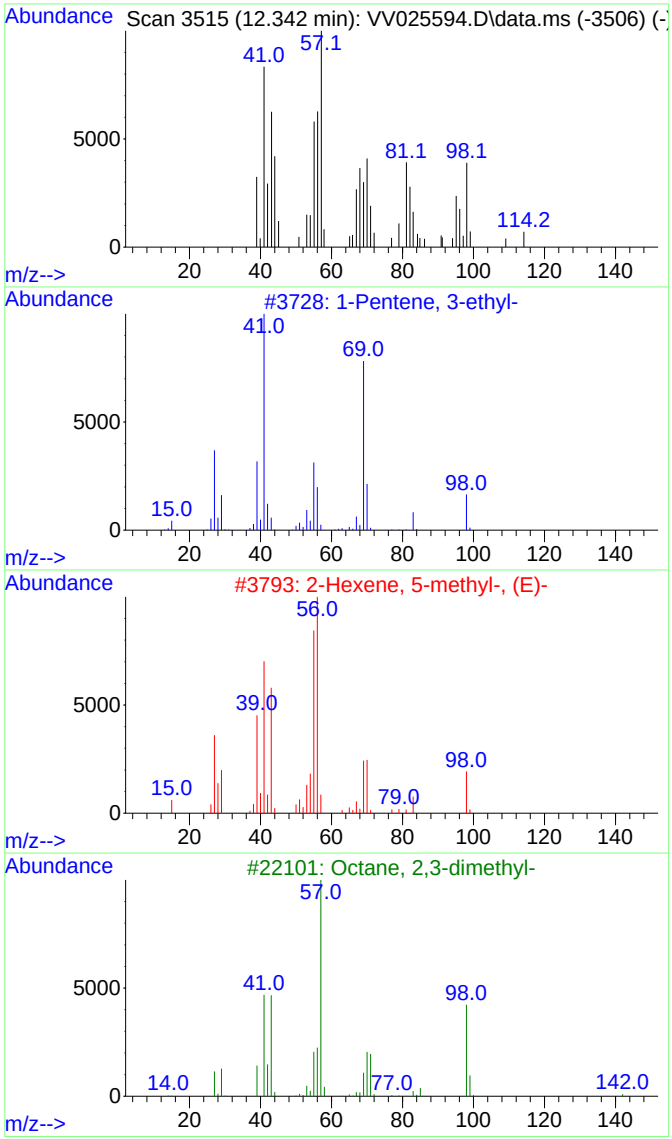
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

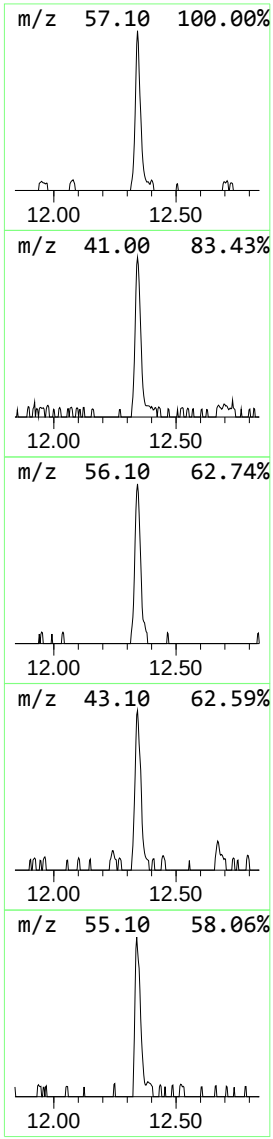
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	0.63 ug/L	39136	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	30
2	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	27
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	27
4	2,3-Dimethyl-aziridine	71	C4H9N	002549-68-0	27
5	(Z)-3-Heptene	98	C7H14	007642-10-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041522\
Data File : VV025594.D
Acq On : 16 Apr 2022 02:38
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.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...	1.108	7.9	ug/L	414359	1	5.619	263536	5.0
(DEL) Alkane: S...	1.217	1.1	ug/L	60140	1	5.619	263536	5.0
(DEL) Alkane: S...	1.417	1.0	ug/L	51712	1	5.619	263536	5.0
(DEL) Alkane: S...	1.635	1.7	ug/L	90607	1	5.619	263536	5.0
(DEL) Alkane: S...	1.767	1.9	ug/L	99258	1	5.619	263536	5.0
(DEL) Alkane: S...	1.809	3.0	ug/L	160213	1	5.619	263536	5.0
(DEL) Alkane: C...	1.982	0.8	ug/L	44021	1	5.619	263536	5.0
(DEL) Alkane: S...	2.947	0.7	ug/L	34063	1	5.619	263536	5.0
(DEL) Alkane: S...	12.342	0.6	ug/L	39136	3	11.249	309246	5.0