LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052513.D
Acq On : 23 Dec 2022 00:02
Operator : JC/MD
Sample : N6170-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

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\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU052513.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	28	rVB	1457383	1325808	56.21%	10.532%
2	1.491	40	47	56	rBV2	59317	64468	2.73%	0.512%
3	1.591	69	78	94	rBV3	564562	925444	39.23%	7.351%
4	1.662	94	100	105	rVV	30416	34144	1.45%	0.271%
5	1.694	105	110	116	rVV	19373	29175	1.24%	0.232%
6	1.732	116	122	135	rVB	103731	126719	5.37%	1.007%
7	1.912	169	178	193	rVV2	105613	153629	6.51%	1.220%
8	1.996	196	204	220	rVB	51806	73712	3.13%	0.586%
9	2.157	245	254	262	rBV	116574	161366	6.84%	1.282%
10	2.218	262	273	291	rVB3	107107	218763	9.27%	1.738%
11	2.318	293	304	315	rVB	19715	28322	1.20%	0.225%
12	2.417	321	335	344	rBV	49611	80782	3.42%	0.642%
13	2.469	344	351	365	rVB	21959	34483	1.46%	0.274%
14	2.568	365	382	394	rBV	159246	267503	11.34%	2.125%
15	2.858	463	472	484	rVB2	16924	29856	1.27%	0.237%
16	2.983	493	511	515	rBV6	12972	30919	1.31%	0.246%
17	3.134	551	558	576	rVB4	12327	26589	1.13%	0.211%
18	3.356	608	627	647	rVB3	51103	111124	4.71%	0.883%
19	3.584	683	698	718	rVB4	34332	83240	3.53%	0.661%
20	3.700	718	734	753	rVB4	10083	24352	1.03%	0.193%
21	4.192	867	887	901	rBV4	10370	28040	1.19%	0.223%
22	4.661	1008	1033	1078	rBV2	891623	2358755	100.00%	18.737%
23	5.060	1141	1157	1178	rBV	149067	333061	14.12%	2.646%
24	5.723	1343	1363	1393	rBV2	305457	850367	36.05%	6.755%
25	6.025	1448	1457	1473	rVB6	13724	32481	1.38%	0.258%
26	6.247	1513	1526	1553	rBV	228550	463178	19.64%	3.679%
27	6.542	1604	1618	1632	rBV6	31215	66191	2.81%	0.526%
28	6.687	1649	1663	1679	rBV	201480	399084	16.92%	3.170%
29	7.562	1922	1935	1957	rBV	90053	165162	7.00%	1.312%
30	7.896	2018	2039	2053	rBV	340749	587446	24.90%	4.667%
31	7.967	2053	2061	2071	rVB	18890	31227	1.32%	0.248%
32	8.176	2115	2126	2140	rBV	58141	101105	4.29%	0.803%
33	8.549	2232	2242	2256	rBV2	51697	87937	3.73%	0.699%
34	8.632	2256	2268	2309	rVV	635576	1239363	52.54%	9.845%
35	9.414	2495	2511	2531	rBV	328124	555892	23.57%	4.416%
36	9.690	2586	2597	2611	rVB	21946	41177	1.75%	0.327%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052513.D
Acq On : 23 Dec 2022 00:02
Operator : JC/MD
Sample : N6170-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

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\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

37	10.099	2714	2724	2741	rVB2	27932	46323	1.96%	0.368%
38	10.751	2915	2927	2940	rBV	172054	280633	11.90%	2.229%
39	11.809	3243	3256	3274	rBV	312118	507284	21.51%	4.030%
40	12.189	3361	3374	3394	rBV	350411	583433	24.73%	4.635%

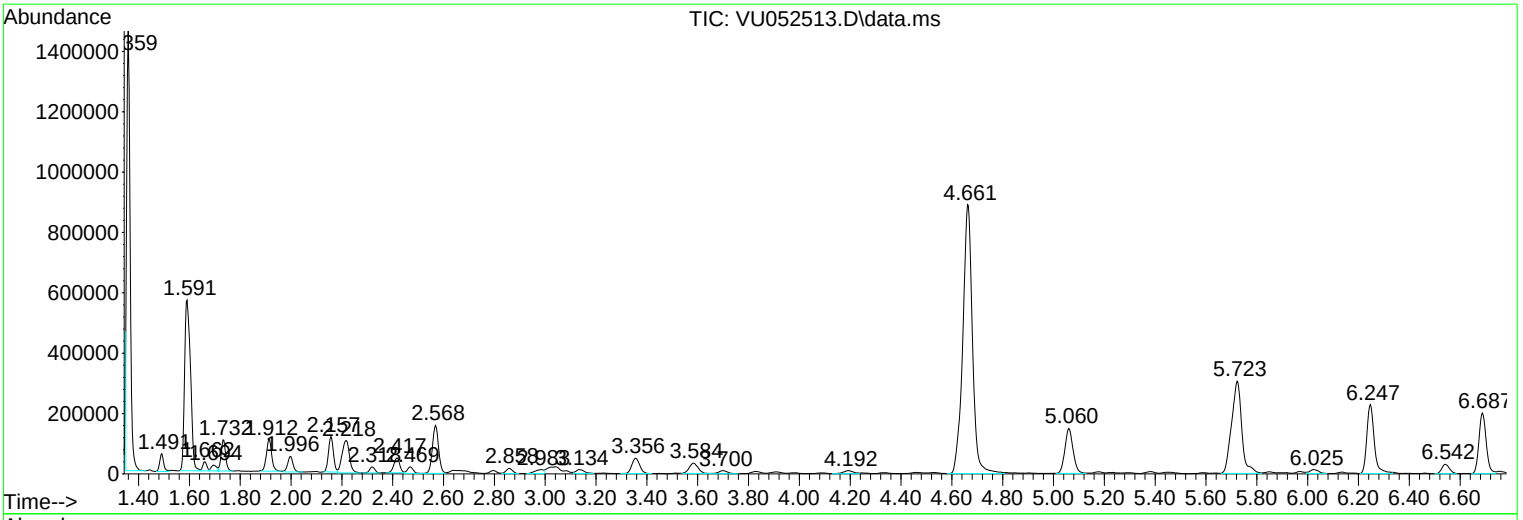
Sum of corrected areas: 12588537

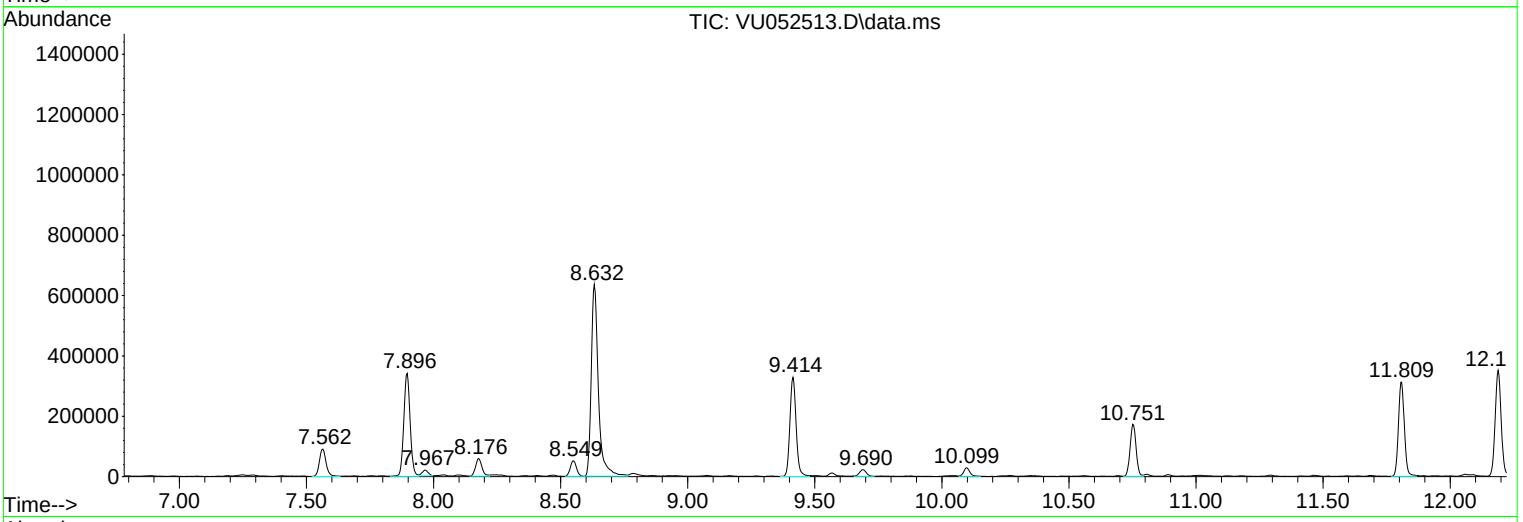
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052513.D
Acq On : 23 Dec 2022 00:02
Operator : JC/MD
Sample : N6170-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

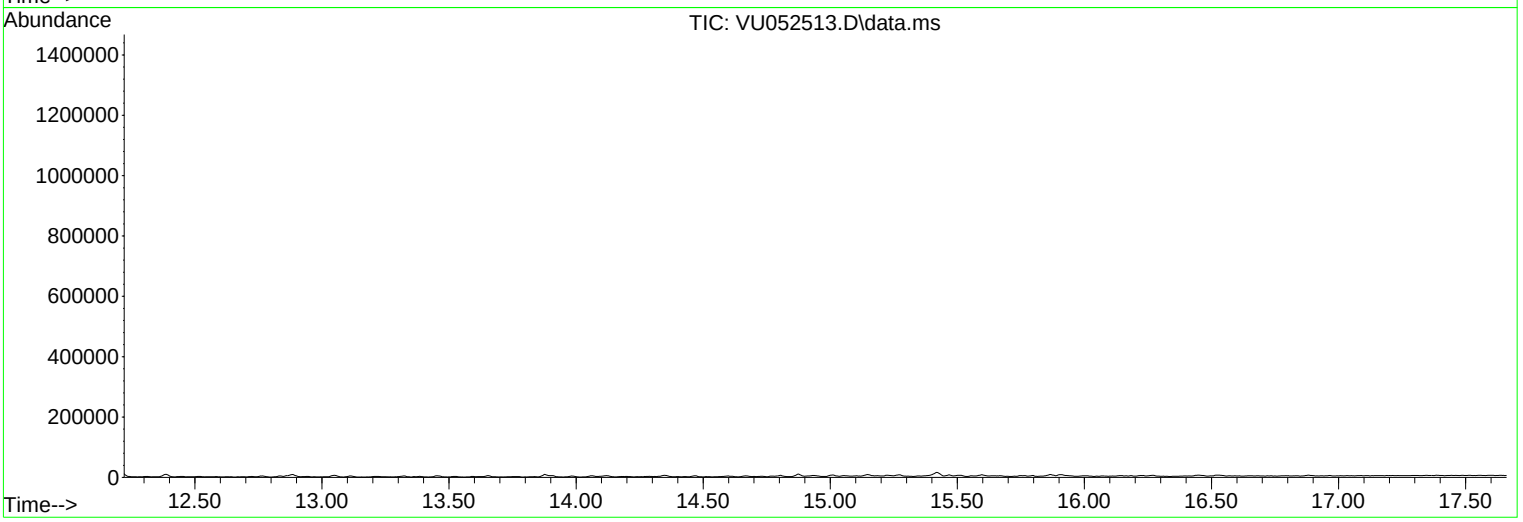
Instrument :
MSVOA_U
ClientSampleId :
GBQB4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.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\VU122222\
Data File : VU052513.D
Acq On : 23 Dec 2022 00:02
Operator : JC/MD
Sample : N6170-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

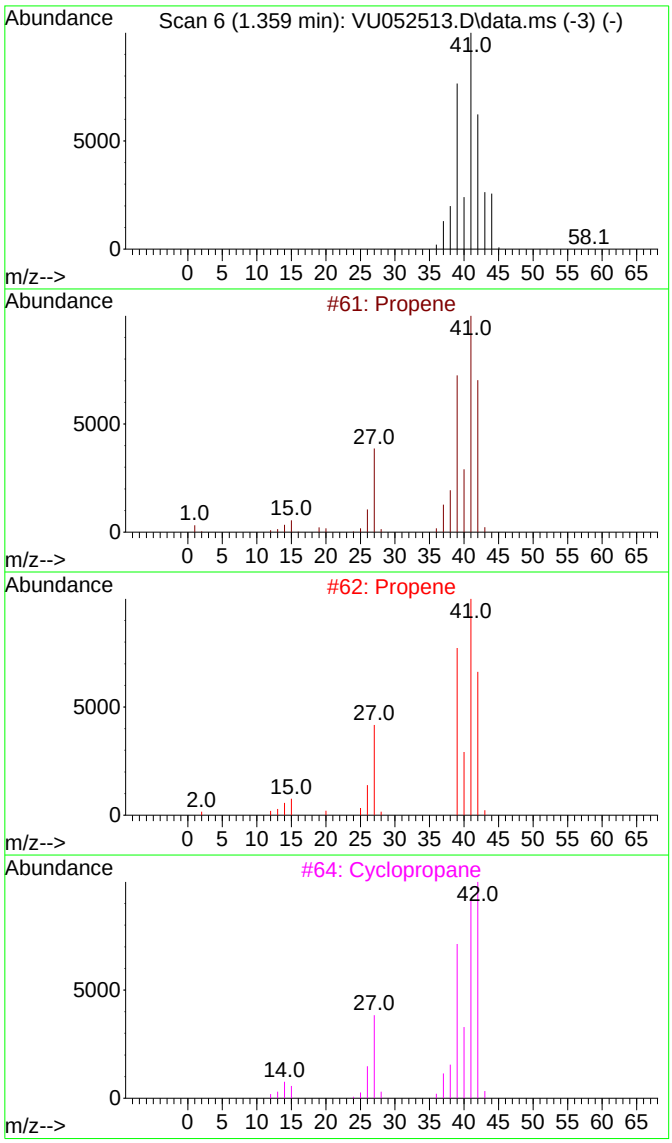
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

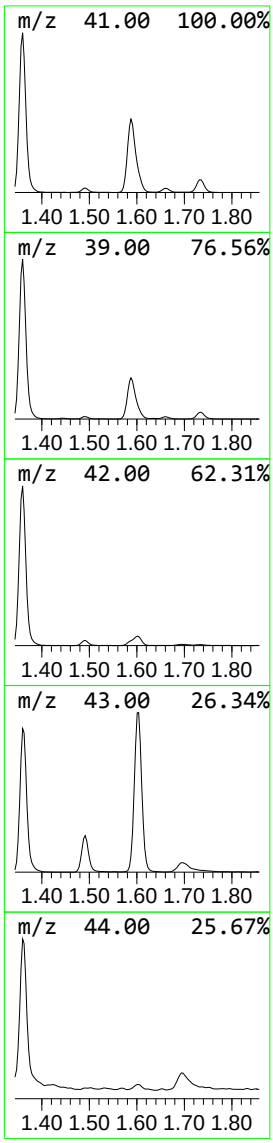
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	14.31 ug/L	1325810	1,4-Difluorobenzene	6.247

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_U\Data\VU122222\
Data File : VU052513.D
Acq On : 23 Dec 2022 00:02
Operator : JC/MD
Sample : N6170-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

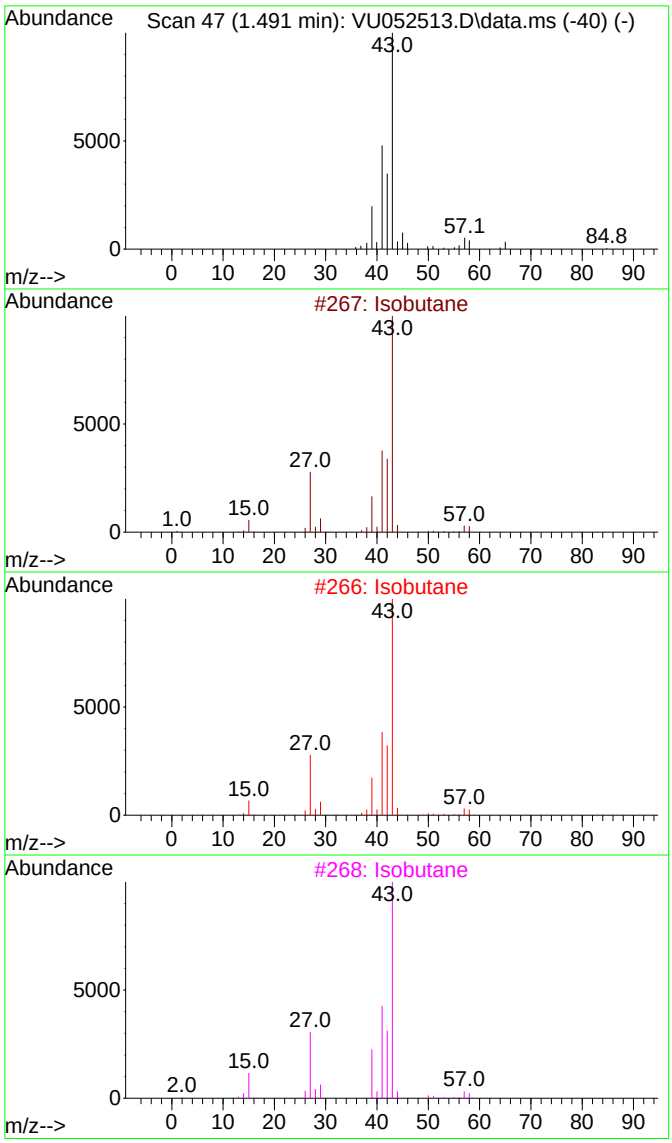
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

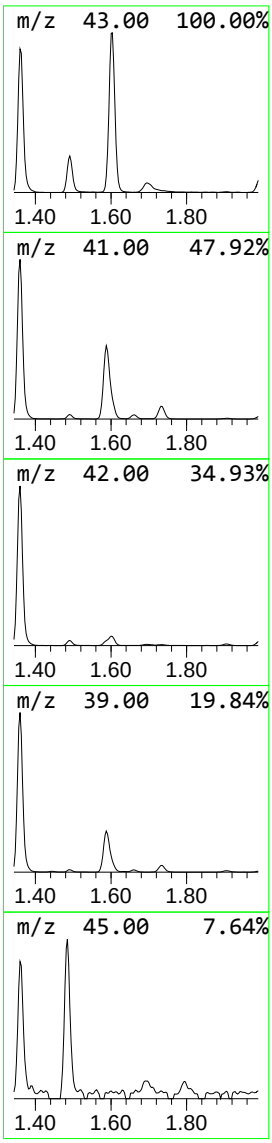
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.491	0.70 ug/L	64468	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	80
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	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052513.D
Acq On : 23 Dec 2022 00:02
Operator : JC/MD
Sample : N6170-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

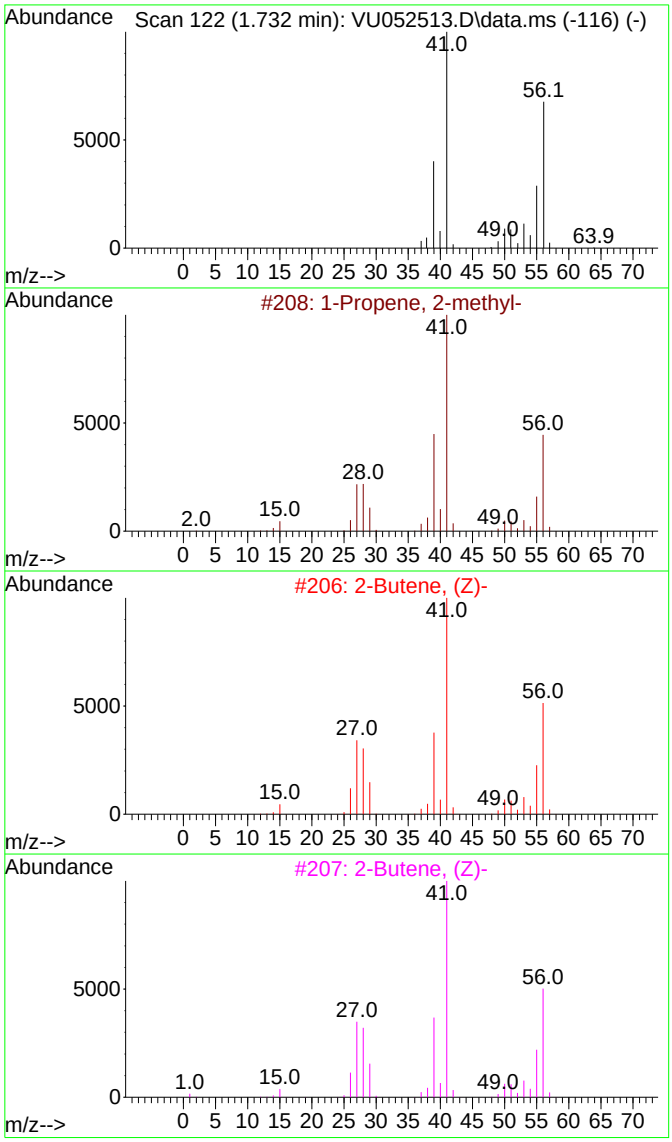
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

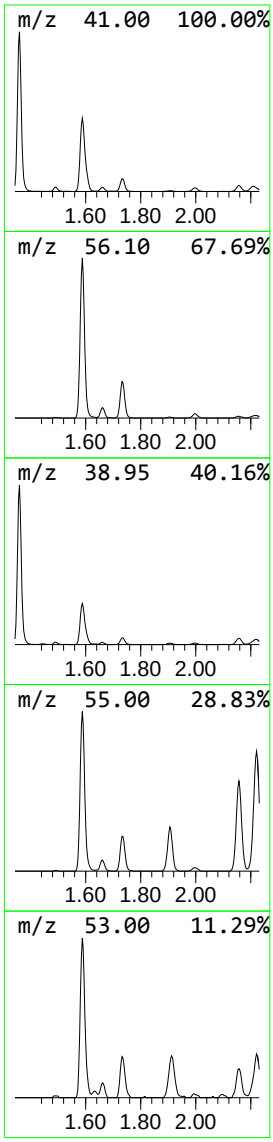
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.732	1.37 ug/L	126719	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
2	2-Butene, (Z)-	56	C4H8	000590-18-1	74
3	2-Butene, (Z)-	56	C4H8	000590-18-1	72
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	72
5	2-Butene, (E)-	56	C4H8	000624-64-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052513.D
Acq On : 23 Dec 2022 00:02
Operator : JC/MD
Sample : N6170-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

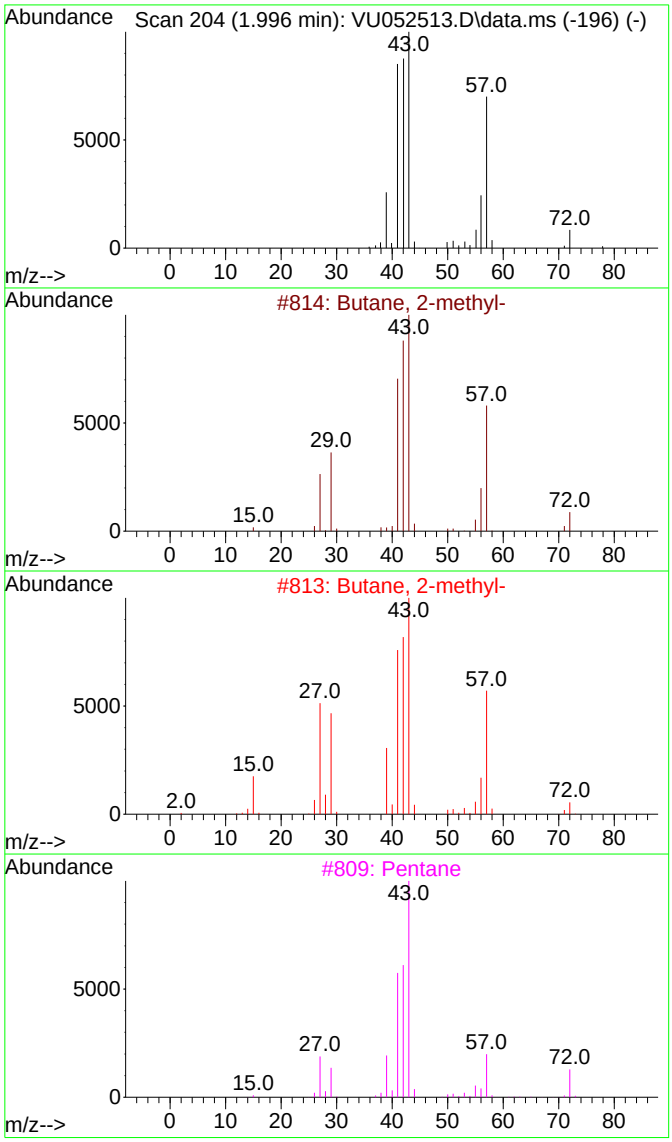
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

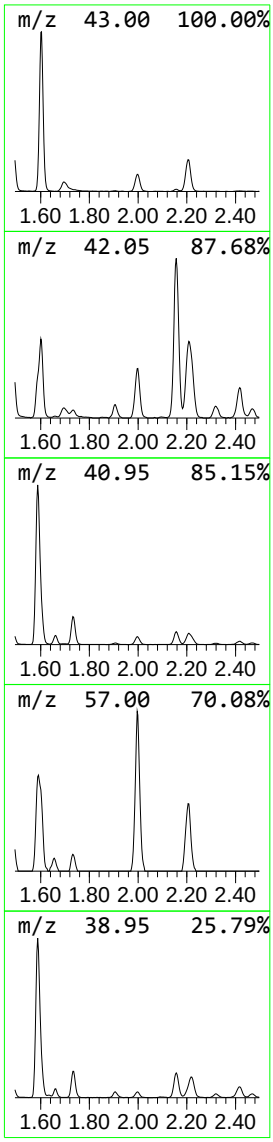
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.996	0.80 ug/L	73712	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	Pentane	72	C5H12	000109-66-0	39
4	2-Butene, (E)-	56	C4H8	000624-64-6	9
5	Cyclobutane	56	C4H8	000287-23-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052513.D
Acq On : 23 Dec 2022 00:02
Operator : JC/MD
Sample : N6170-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

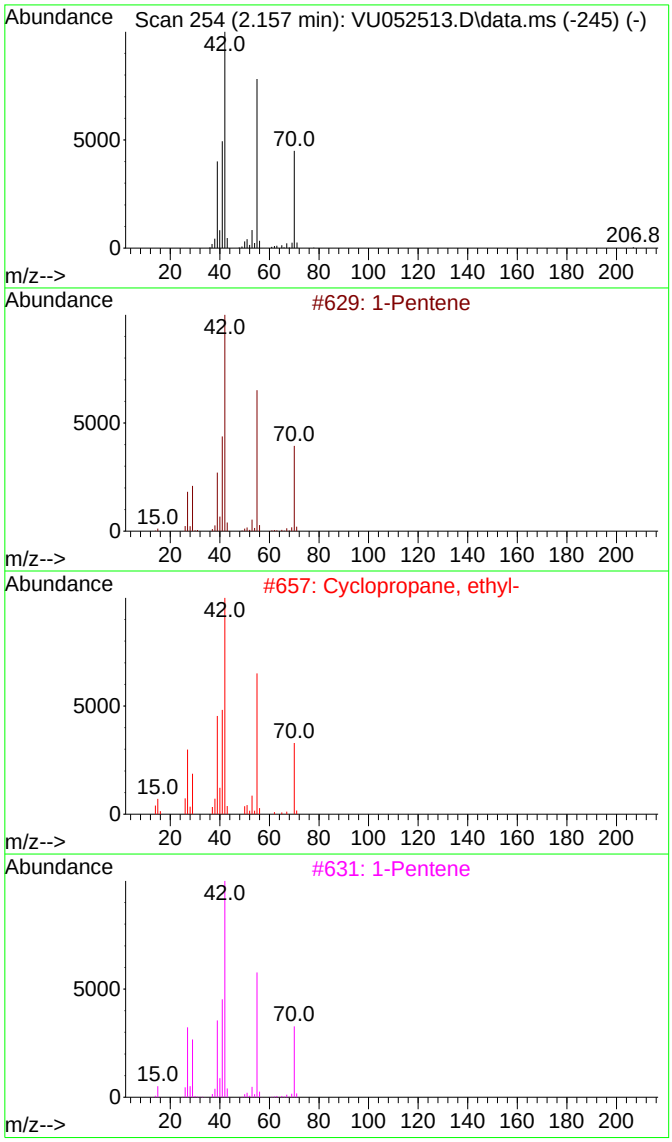
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

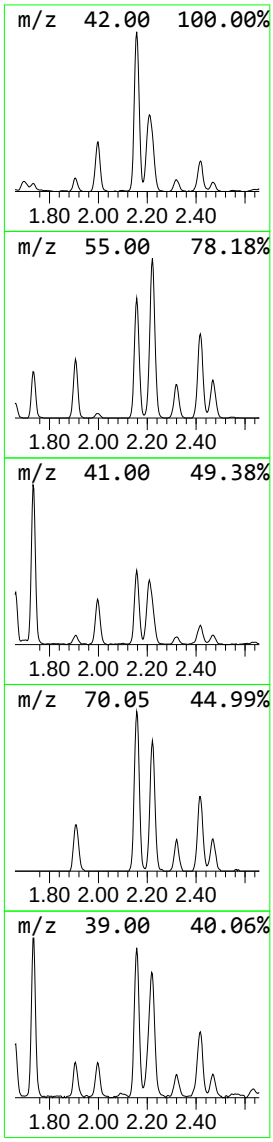
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	1.74 ug/L	161366	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	91
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	91
3	1-Pentene	70	C5H10	000109-67-1	76
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	74
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052513.D
Acq On : 23 Dec 2022 00:02
Operator : JC/MD
Sample : N6170-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

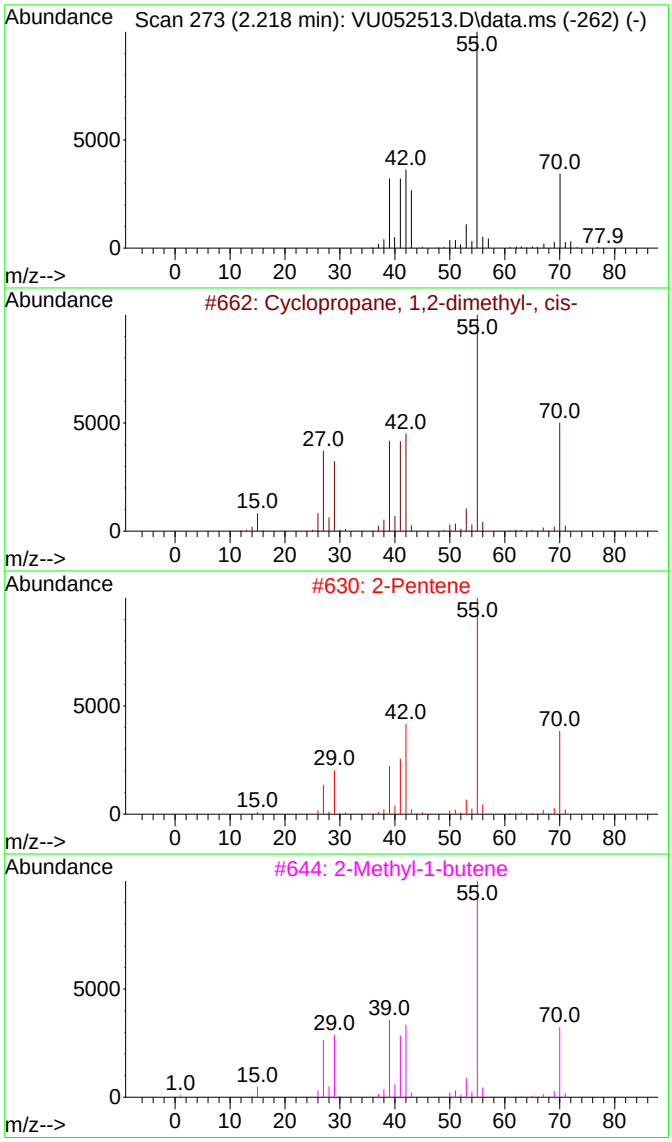
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

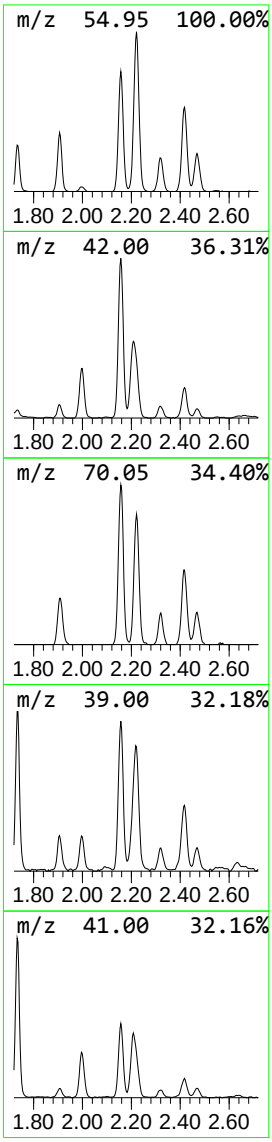
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic2.218 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.218	2.36 ug/L	218763	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
2	2-Pentene	70	C5H10	000109-68-2	87
3	2-Methyl-1-butene	70	C5H10	000563-46-2	87
4	2-Methyl-1-butene	70	C5H10	000563-46-2	87
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052513.D
Acq On : 23 Dec 2022 00:02
Operator : JC/MD
Sample : N6170-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

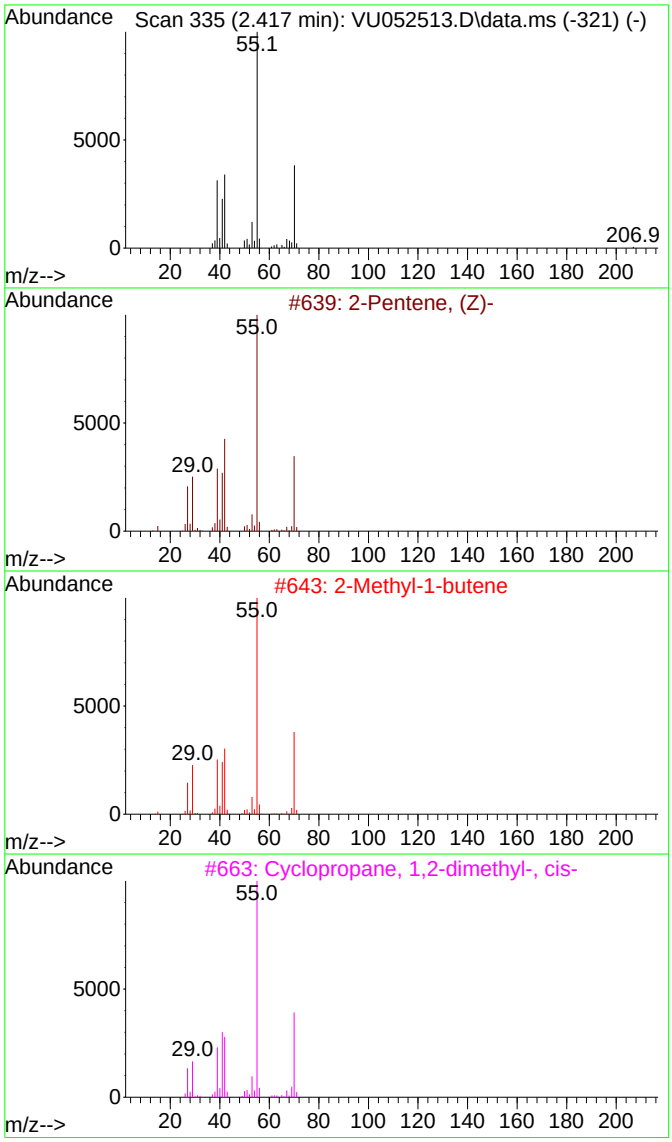
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

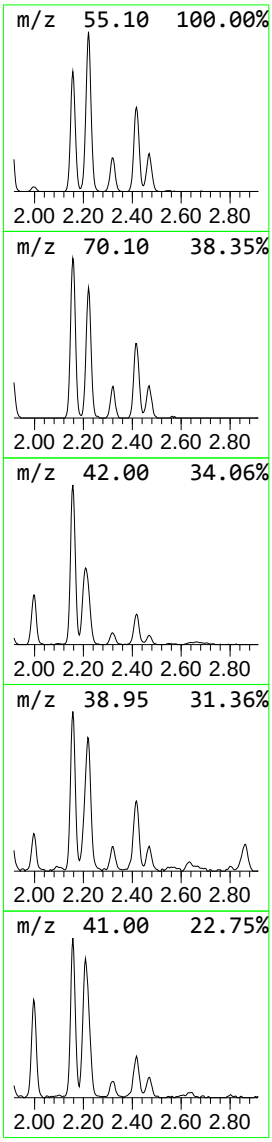
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.417	0.87 ug/L	80782	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
2	2-Methyl-1-butene	70	C5H10	000563-46-2	87
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
5	2-Methyl-1-butene	70	C5H10	000563-46-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052513.D
Acq On : 23 Dec 2022 00:02
Operator : JC/MD
Sample : N6170-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

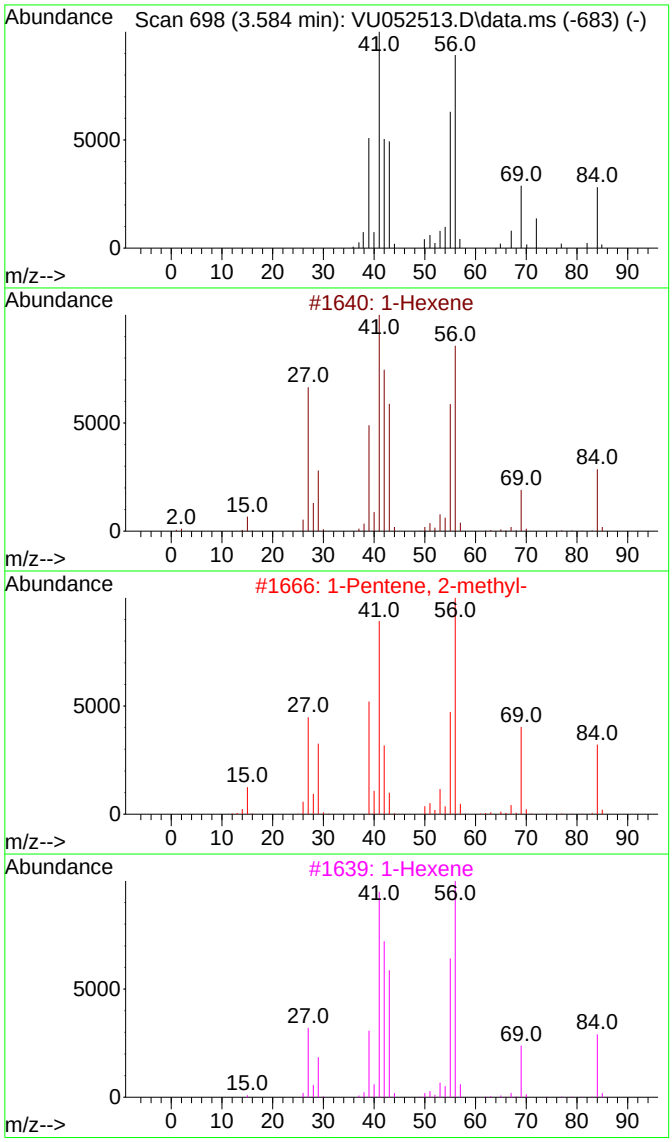
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

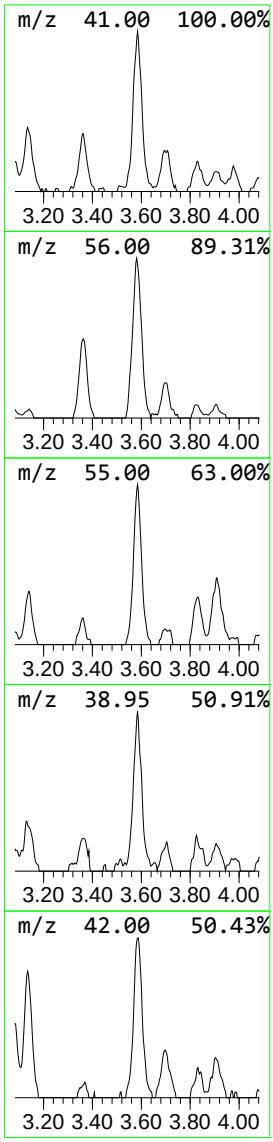
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.584	0.90 ug/L	83240	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	81
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3	1-Hexene	84	C6H12	000592-41-6	64
4	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	58
5	Cyclohexane	84	C6H12	000110-82-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052513.D
Acq On : 23 Dec 2022 00:02
Operator : JC/MD
Sample : N6170-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.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	14.3	ug/L	1325810	1	6.247	463178	5.0
(DEL) Alkane: S...	1.491	0.7	ug/L	64468	1	6.247	463178	5.0
(DEL) Alkane: S...	1.732	1.4	ug/L	126719	1	6.247	463178	5.0
(DEL) Alkane: S...	1.996	0.8	ug/L	73712	1	6.247	463178	5.0
(DEL) Alkane: S...	2.157	1.7	ug/L	161366	1	6.247	463178	5.0
(DEL) Alkane: C...	2.218	2.4	ug/L	218763	1	6.247	463178	5.0
(DEL) Alkane: S...	2.417	0.9	ug/L	80782	1	6.247	463178	5.0
(DEL) Alkane: S...	3.584	0.9	ug/L	83240	1	6.247	463178	5.0