LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052510.D
Acq On : 22 Dec 2022 22:52
Operator : JC/MD
Sample : N6170-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB1

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: VU052510.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	27	rVB	1735556	1560434	27.16%	7.489%
2	1.491	40	47	56	rBV	120908	125503	2.18%	0.602%
3	1.591	69	78	94	rBV3	694099	1172095	20.40%	5.625%
4	1.732	115	122	132	rVB	94032	110824	1.93%	0.532%
5	1.912	167	178	194	rVV2	110593	166780	2.90%	0.800%
6	1.996	195	204	216	rVB	109277	149504	2.60%	0.718%
7	2.157	243	254	262	rBV	182711	256775	4.47%	1.232%
8	2.208	262	270	289	rVB3	143352	272784	4.75%	1.309%
9	2.414	323	334	344	rBV	53759	85533	1.49%	0.410%
10	2.568	366	382	396	rBV2	153323	261453	4.55%	1.255%
11	2.977	492	509	521	rBV7	18569	58197	1.01%	0.279%
12	3.584	681	698	719	rBV4	41456	103565	1.80%	0.497%
13	4.658	1010	1032	1081	rBV2	184860	699488	12.17%	3.357%
14	5.060	1142	1157	1178	rVB	131606	301622	5.25%	1.448%
15	5.723	1342	1363	1396	rBV2	279790	764756	13.31%	3.670%
16	6.247	1512	1526	1552	rBV	199028	389565	6.78%	1.870%
17	6.539	1601	1617	1643	rBV	3093548	5745942	100.00%	27.576%
18	6.687	1650	1663	1685	rVB	182590	358752	6.24%	1.722%
19	7.562	1923	1935	1955	rBV	83891	148743	2.59%	0.714%
20	7.896	2025	2039	2054	rBV	306271	528684	9.20%	2.537%
21	8.176	2115	2126	2143	rBV2	54760	95840	1.67%	0.460%
22	8.549	2228	2242	2257	rBV	2766296	4661609	81.13%	22.372%
23	8.632	2257	2268	2300	rVB	620041	1213057	21.11%	5.822%
24	9.414	2499	2511	2532	rBV	284405	477047	8.30%	2.289%
25	10.751	2911	2927	2944	rBV	167328	267450	4.65%	1.284%
26	11.809	3244	3256	3278	rBV	248704	400302	6.97%	1.921%
27	12.189	3358	3374	3396	rBV	280456	460285	8.01%	2.209%

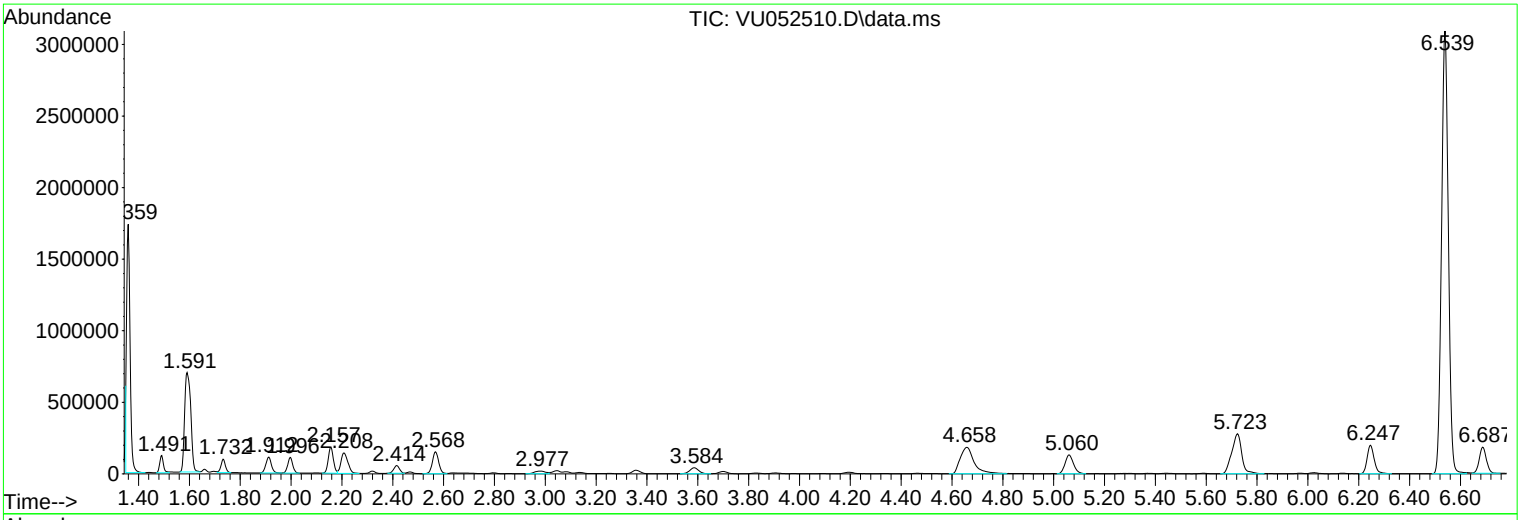
Sum of corrected areas: 20836589

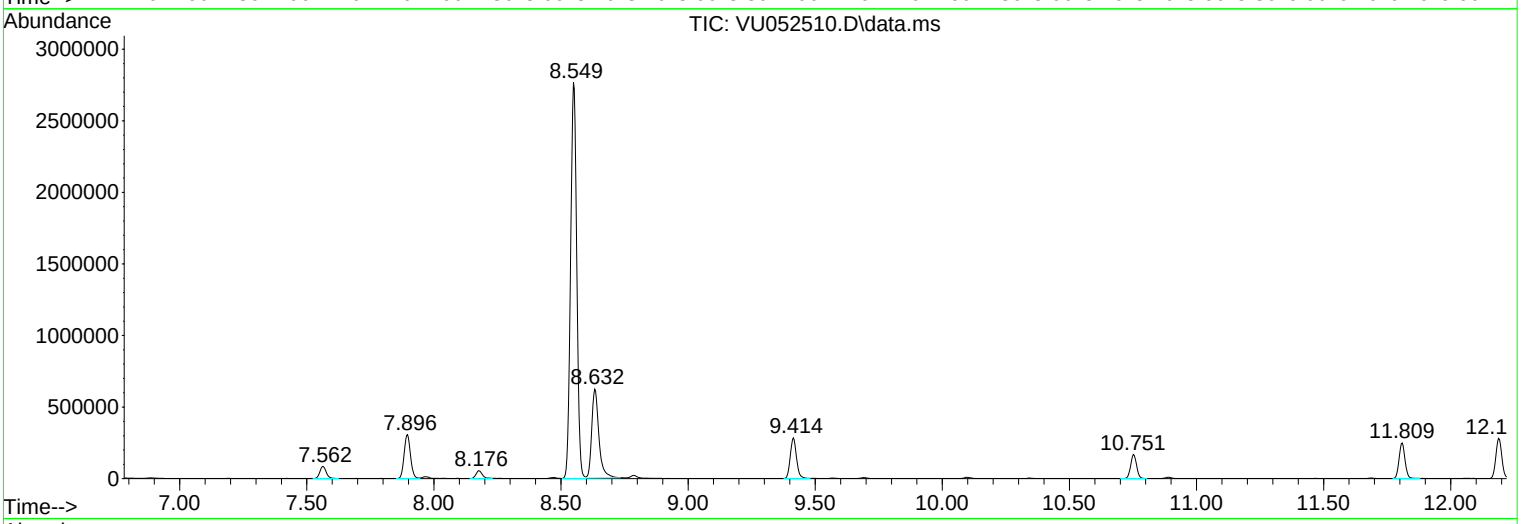
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052510.D
Acq On : 22 Dec 2022 22:52
Operator : JC/MD
Sample : N6170-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

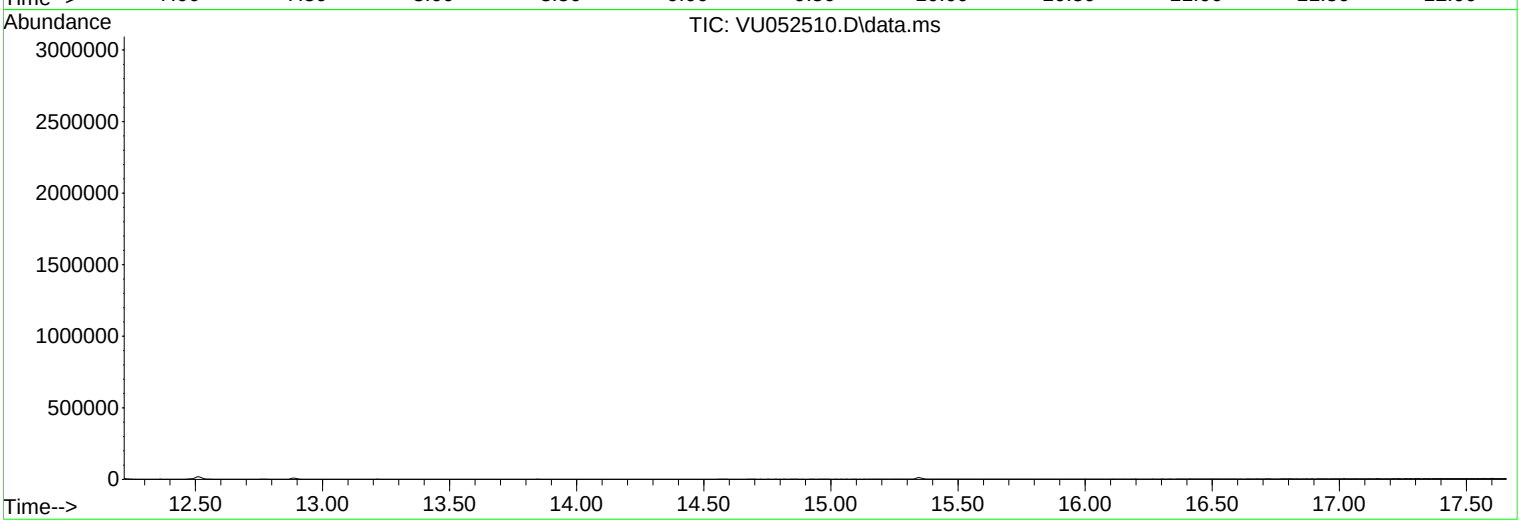
Instrument :
MSVOA_U
ClientSampleId :
GBQB1

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 : VU052510.D
Acq On : 22 Dec 2022 22:52
Operator : JC/MD
Sample : N6170-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB1

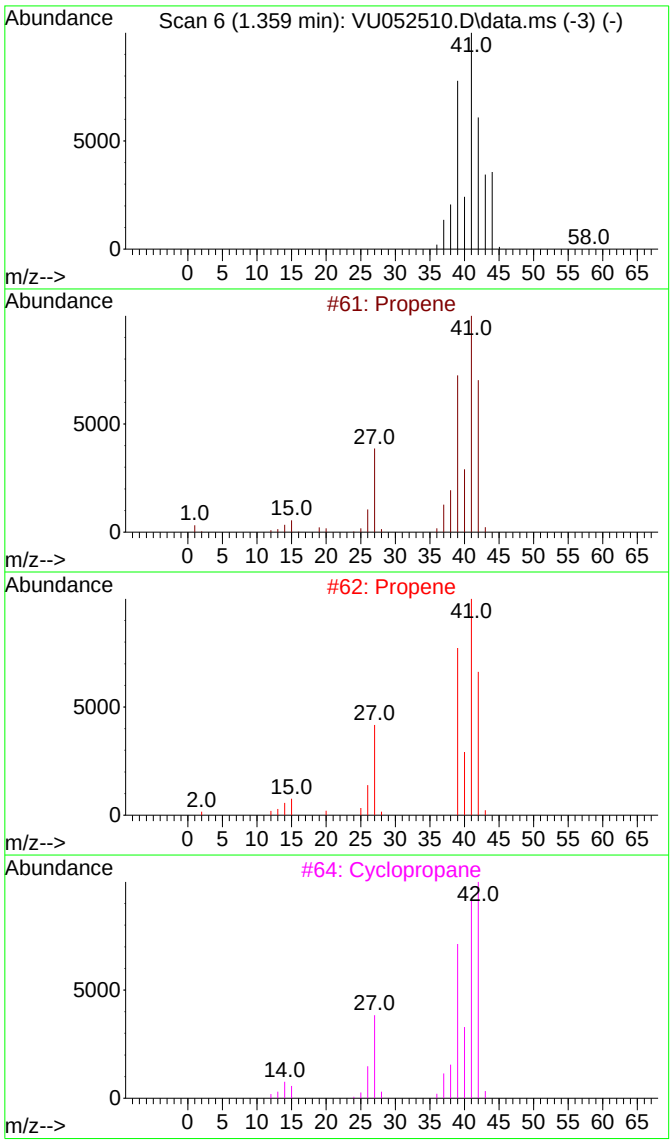
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

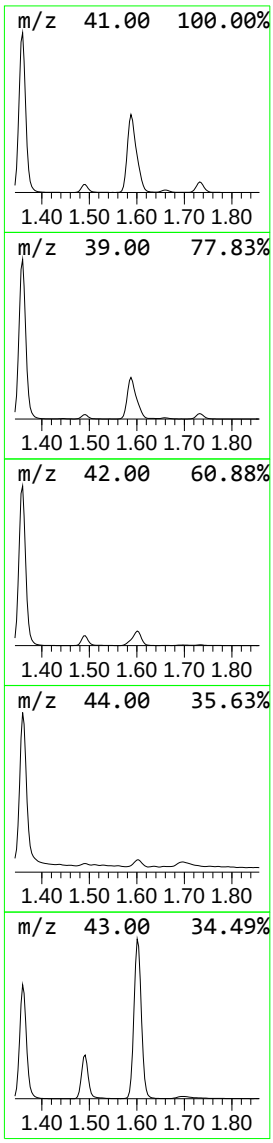
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	20.03 ug/L	1560430	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 : VU052510.D
Acq On : 22 Dec 2022 22:52
Operator : JC/MD
Sample : N6170-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB1

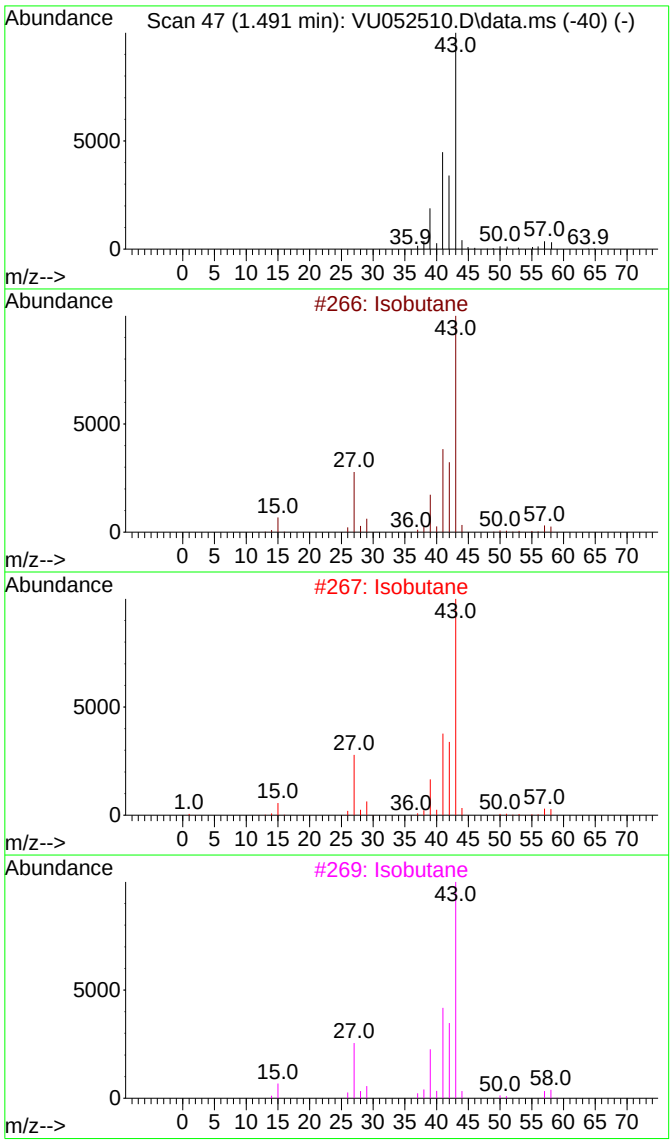
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

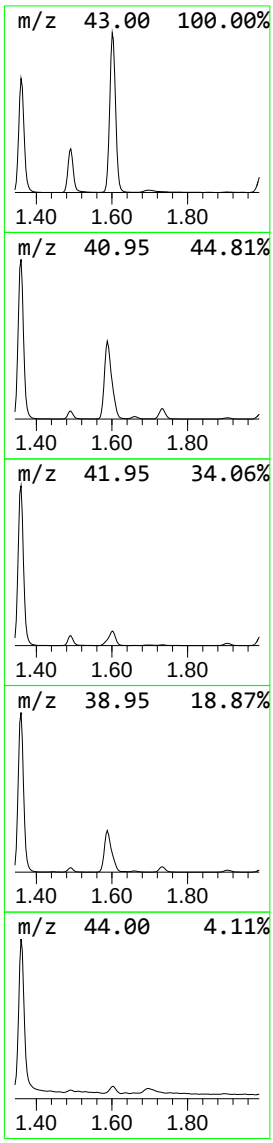
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.491	1.61 ug/L	125503	1,4-Difluorobenzene	6.247

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	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052510.D
Acq On : 22 Dec 2022 22:52
Operator : JC/MD
Sample : N6170-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB1

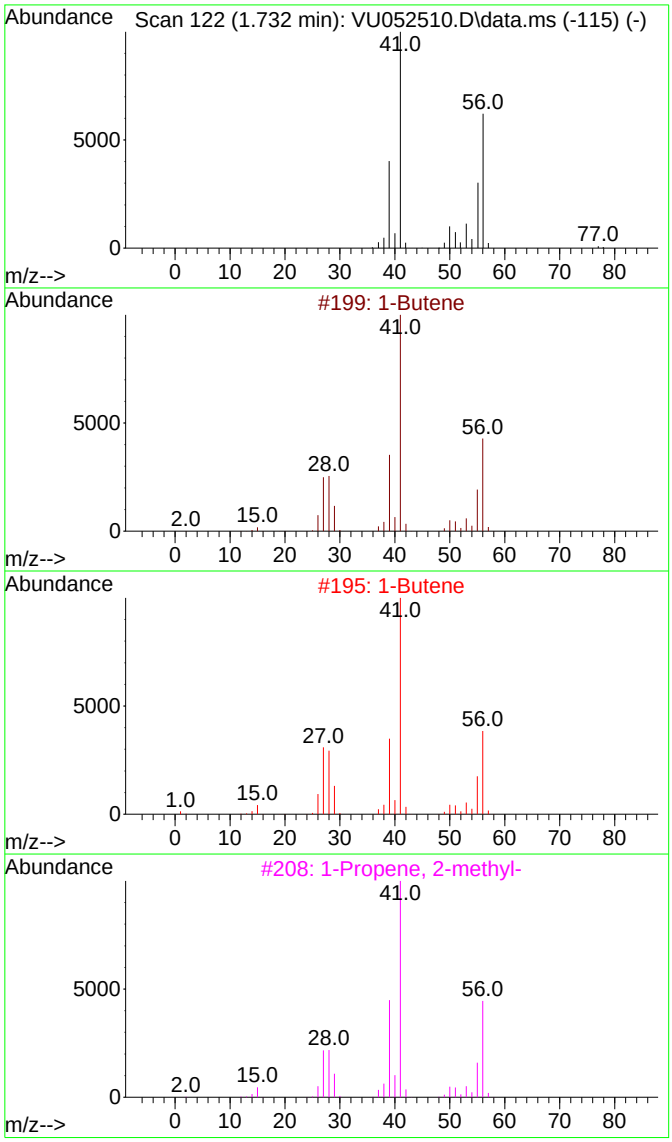
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

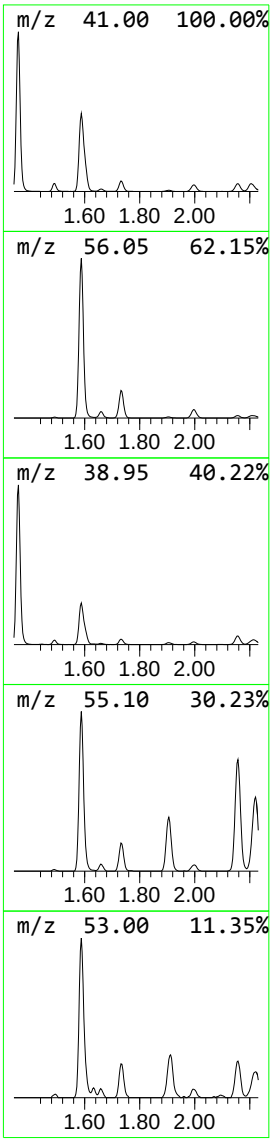
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.732	1.42 ug/L	110824	1,4-Difluorobenzene	6.247

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	86
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	86
4	2-Butene, (Z)-	56	C4H8	000590-18-1	86
5	2-Butene, (Z)-	56	C4H8	000590-18-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052510.D
Acq On : 22 Dec 2022 22:52
Operator : JC/MD
Sample : N6170-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB1

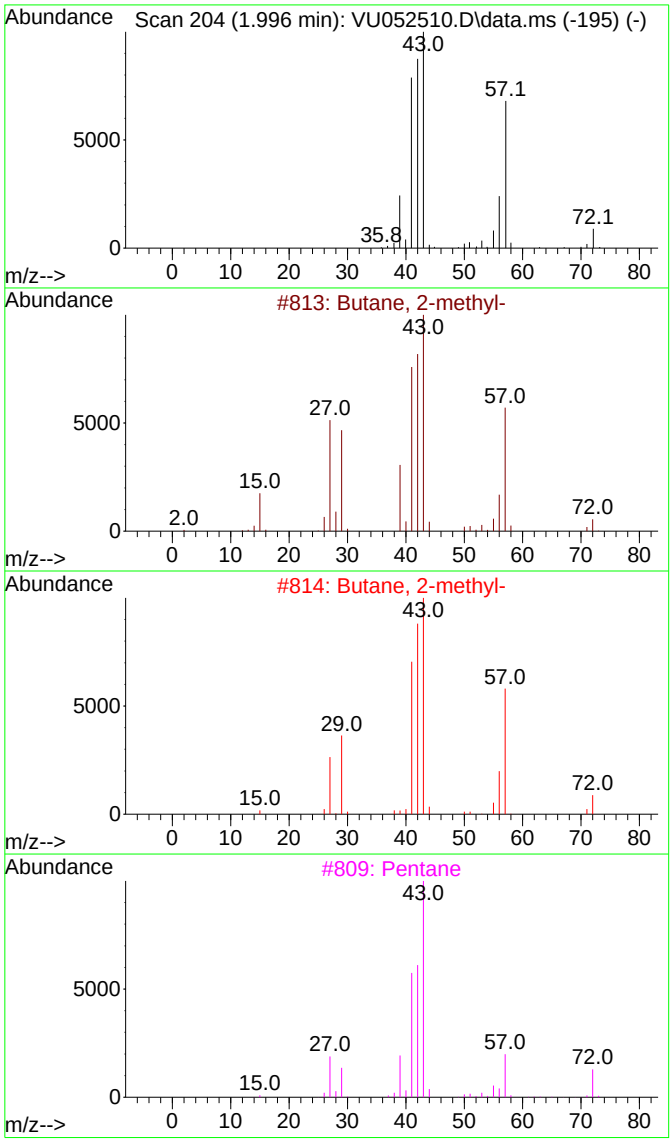
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

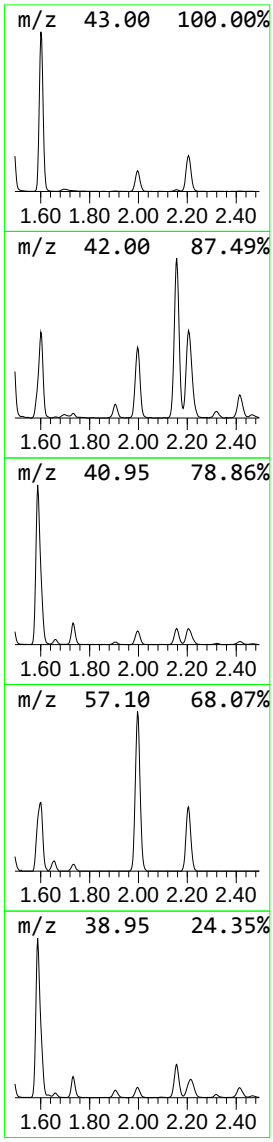
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.996	1.92 ug/L	149504	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	37
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	10
5	Tetrahydrofuran	72	C4H8O	000109-99-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052510.D
Acq On : 22 Dec 2022 22:52
Operator : JC/MD
Sample : N6170-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB1

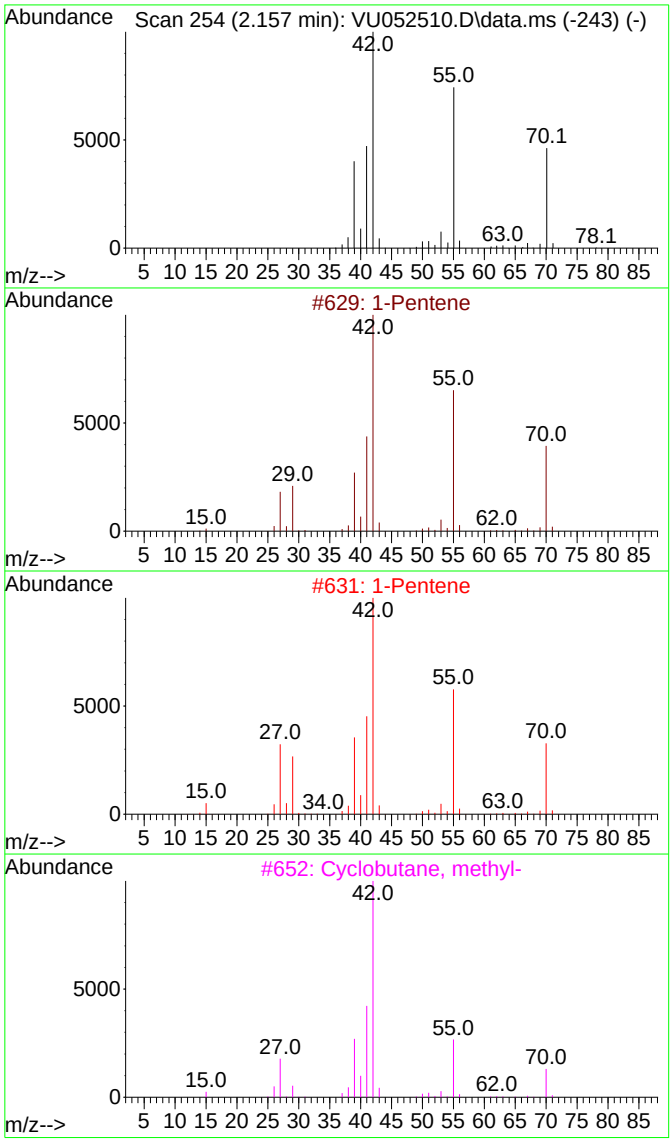
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

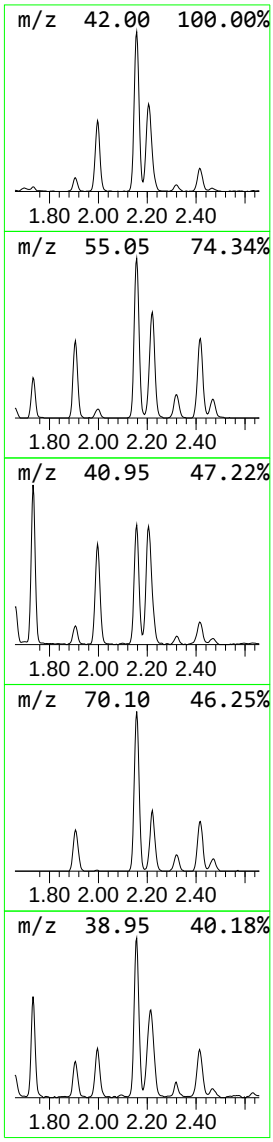
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	3.30 ug/L	256775	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	91
2	1-Pentene	70	C5H10	000109-67-1	76
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	74
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	68
5	2-Pentene, (E)-	70	C5H10	000646-04-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052510.D
Acq On : 22 Dec 2022 22:52
Operator : JC/MD
Sample : N6170-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB1

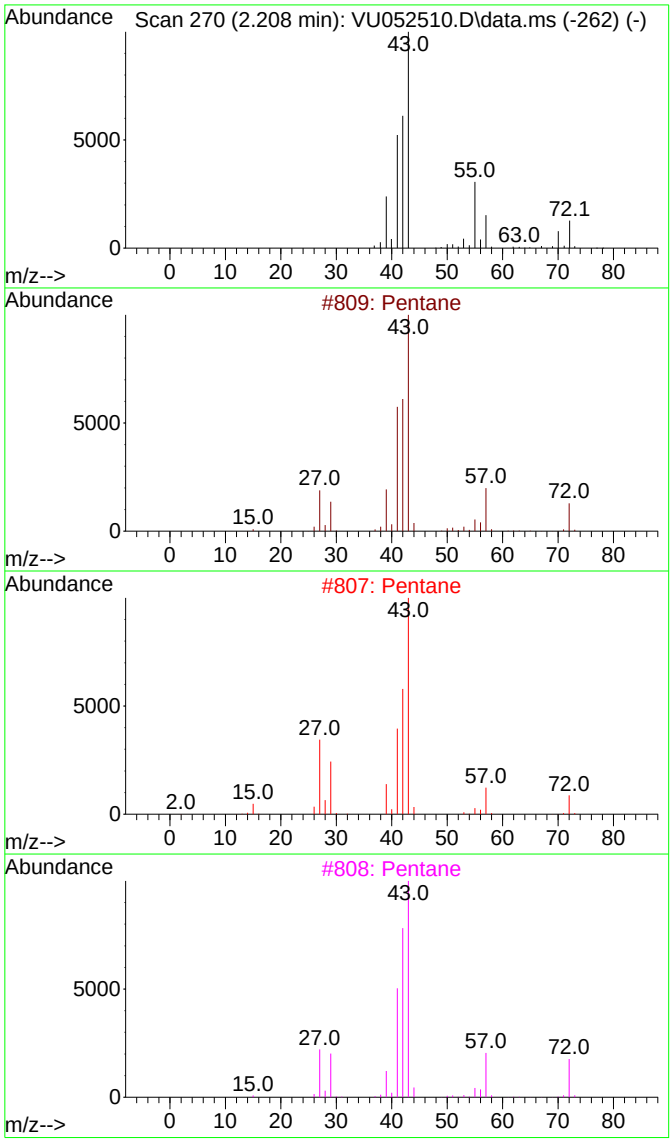
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

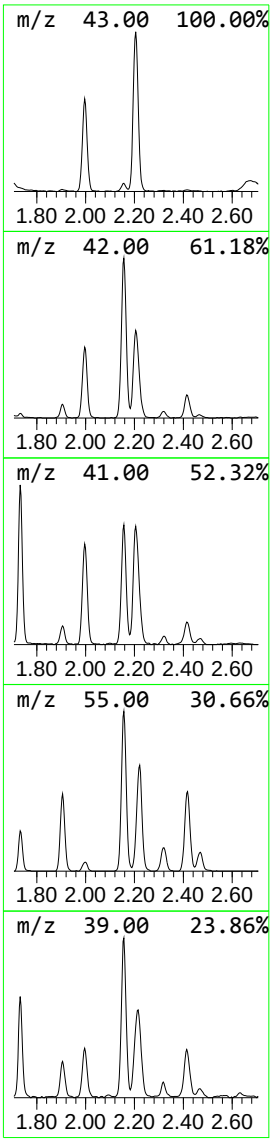
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.208	3.50 ug/L	272784	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	72
5	Pentane	72	C5H12	000109-66-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052510.D
Acq On : 22 Dec 2022 22:52
Operator : JC/MD
Sample : N6170-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB1

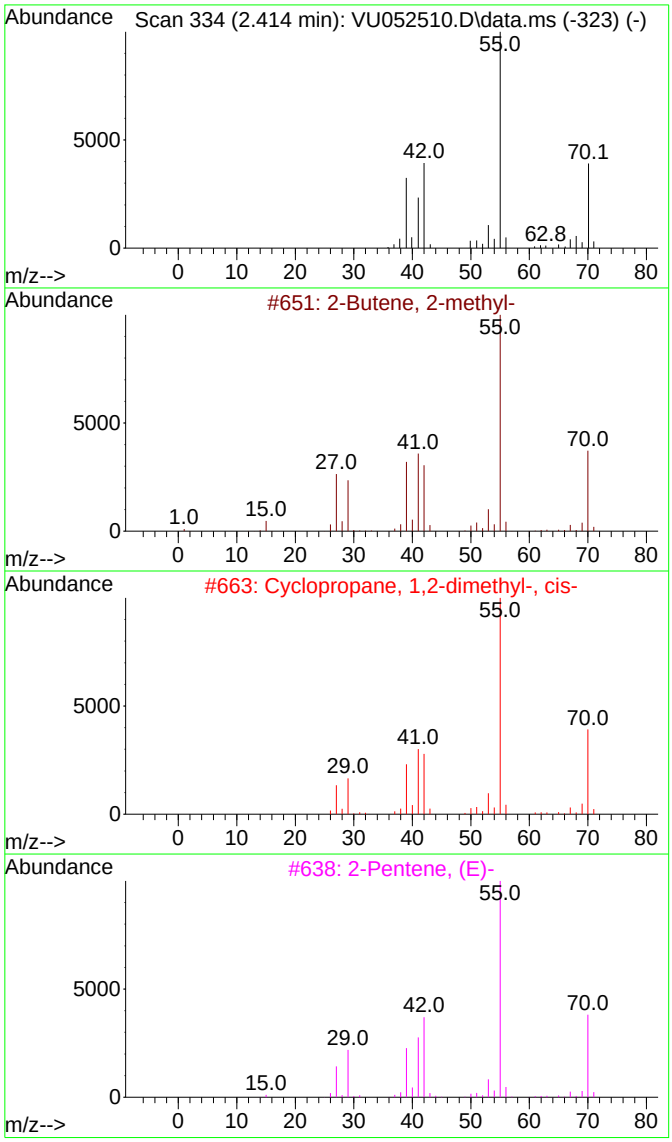
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

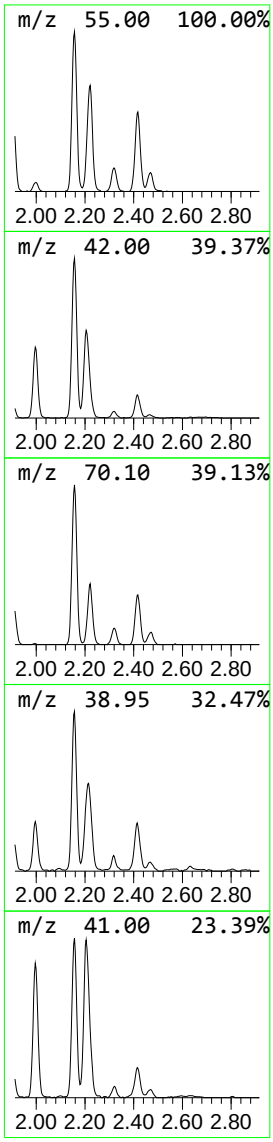
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.414	1.10 ug/L	85533	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
3	2-Pentene, (E)-	70	C5H10	000646-04-8	91
4	2-Pentene	70	C5H10	000109-68-2	90
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052510.D
Acq On : 22 Dec 2022 22:52
Operator : JC/MD
Sample : N6170-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB1

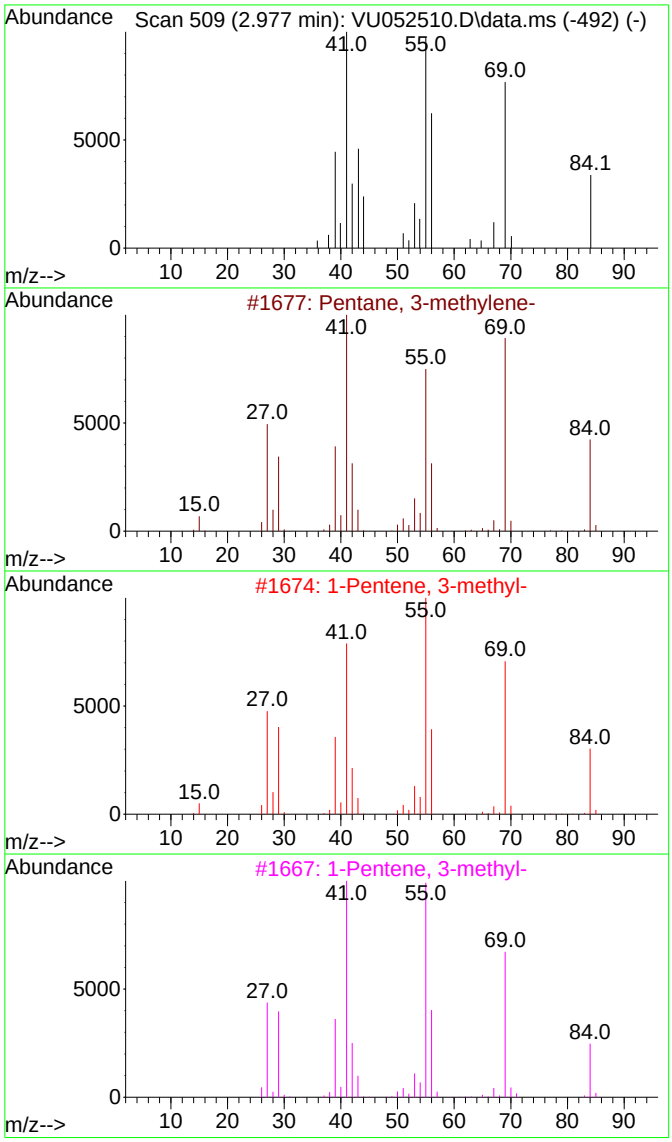
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

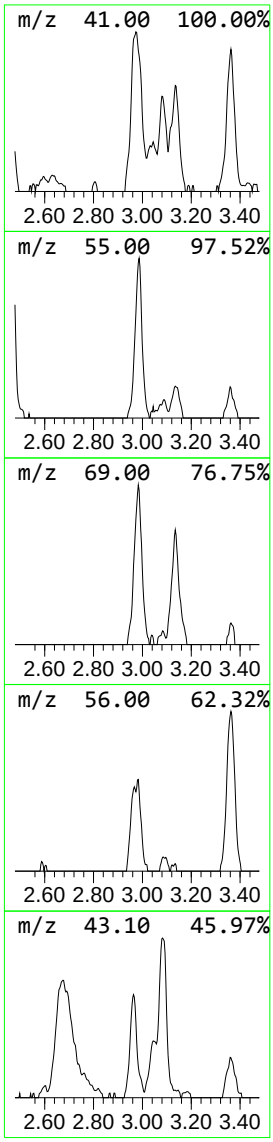
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.977	0.75 ug/L	58197	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methylene-	84	C6H12	000760-21-4	64
2	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	58
3	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	58
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	53
5	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052510.D
Acq On : 22 Dec 2022 22:52
Operator : JC/MD
Sample : N6170-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB1

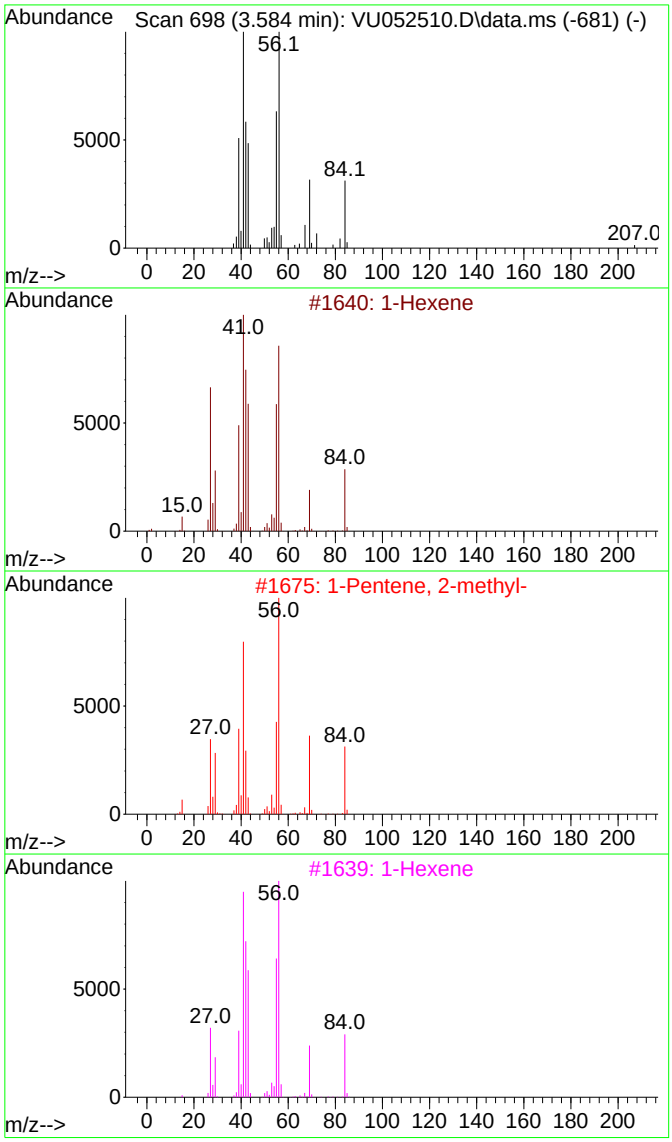
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

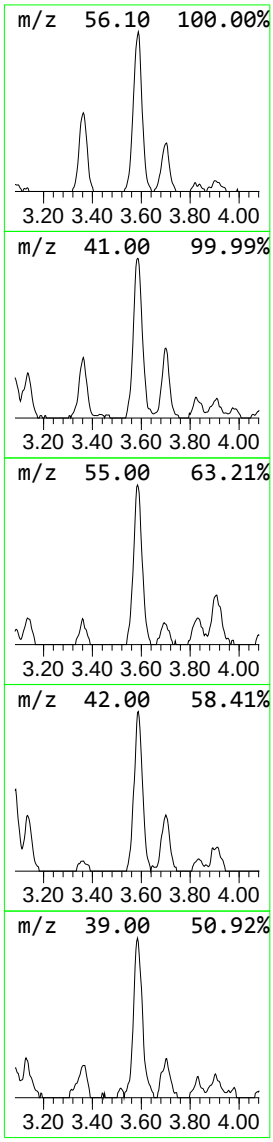
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.584	1.33 ug/L	103565	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	94
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	81
3	1-Hexene	84	C6H12	000592-41-6	76
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	74
5	Cyclohexane	84	C6H12	000110-82-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052510.D
Acq On : 22 Dec 2022 22:52
Operator : JC/MD
Sample : N6170-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB1

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	20.0	ug/L	1560430	1	6.247	389565	5.0
(DEL) Alkane: S...	1.491	1.6	ug/L	125503	1	6.247	389565	5.0
(DEL) Alkane: S...	1.732	1.4	ug/L	110824	1	6.247	389565	5.0
(DEL) Alkane: S...	1.996	1.9	ug/L	149504	1	6.247	389565	5.0
(DEL) Alkane: S...	2.157	3.3	ug/L	256775	1	6.247	389565	5.0
(DEL) Alkane: S...	2.208	3.5	ug/L	272784	1	6.247	389565	5.0
(DEL) Alkane: S...	2.414	1.1	ug/L	85533	1	6.247	389565	5.0
(DEL) Alkane: S...	2.977	0.8	ug/L	58197	1	6.247	389565	5.0
(DEL) Alkane: S...	3.584	1.3	ug/L	103565	1	6.247	389565	5.0