LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
Data File : VV025609.D
Acq On : 18 Apr 2022 15:49
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 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: VV025609.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	524834	495611	81.80%	7.904%
2	1.220	49	56	67	rBV	77631	72986	12.05%	1.164%
3	1.307	73	83	95	rBV2	401753	605871	100.00%	9.663%
4	1.420	112	118	127	rVB	49564	54798	9.04%	0.874%
5	1.571	154	165	177	rBV2	101626	127461	21.04%	2.033%
6	1.638	177	186	198	rVB	87016	107226	17.70%	1.710%
7	1.770	218	227	233	rBV	95101	117865	19.45%	1.880%
8	1.812	233	240	261	rVB3	104229	189088	31.21%	3.016%
9	1.905	262	269	283	rVB2	11944	17631	2.91%	0.281%
10	1.986	283	294	302	rBV3	34186	50927	8.41%	0.812%
11	2.111	321	333	344	rBV	166597	244764	40.40%	3.904%
12	2.452	424	439	446	rBV6	8913	20428	3.37%	0.326%
13	2.764	524	536	550	rVB5	10184	21049	3.47%	0.336%
14	2.953	579	595	611	rVV3	18681	43034	7.10%	0.686%
15	3.043	613	623	642	rVB2	11638	24997	4.13%	0.399%
16	3.899	877	889	915	rBV2	39652	132998	21.95%	2.121%
17	4.352	1014	1030	1055	rBV2	89310	231826	38.26%	3.697%
18	5.050	1229	1247	1281	rBV3	198691	521286	86.04%	8.314%
19	5.619	1409	1424	1450	rBV2	160360	341135	56.30%	5.441%
20	6.072	1551	1565	1580	rBV	112686	234206	38.66%	3.735%
21	6.989	1840	1850	1865	rBV2	46799	89035	14.70%	1.420%
22	7.317	1941	1952	1968	rBV	236801	410715	67.79%	6.550%
23	7.394	1968	1976	1992	rVB	16933	32914	5.43%	0.525%
24	7.625	2038	2048	2070	rBV2	27715	54889	9.06%	0.875%
25	7.940	2135	2146	2148	rBV	15949	21724	3.59%	0.346%
26	7.976	2149	2157	2174	rVB	109187	186455	30.77%	2.974%
27	8.088	2182	2192	2220	rBV	173876	354353	58.49%	5.651%
28	8.850	2414	2429	2451	rBV	258435	427493	70.56%	6.818%
29	9.021	2471	2482	2491	rBV	10064	17265	2.85%	0.275%
30	10.214	2840	2853	2871	rBV	70422	113562	18.74%	1.811%
31	10.381	2893	2905	2917	rVB2	31281	52255	8.62%	0.833%
32	11.149	3135	3144	3155	rBV6	9205	14608	2.41%	0.233%
33	11.249	3164	3175	3197	rBV	268882	423767	69.94%	6.758%
34	11.622	3280	3291	3312	rVB	216874	339595	56.05%	5.416%
35	12.249	3473	3486	3499	rBV	25692	41185	6.80%	0.657%
36	12.342	3507	3515	3528	rBV2	22148	35174	5.81%	0.561%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
Data File : VV025609.D
Acq On : 18 Apr 2022 15:49
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 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

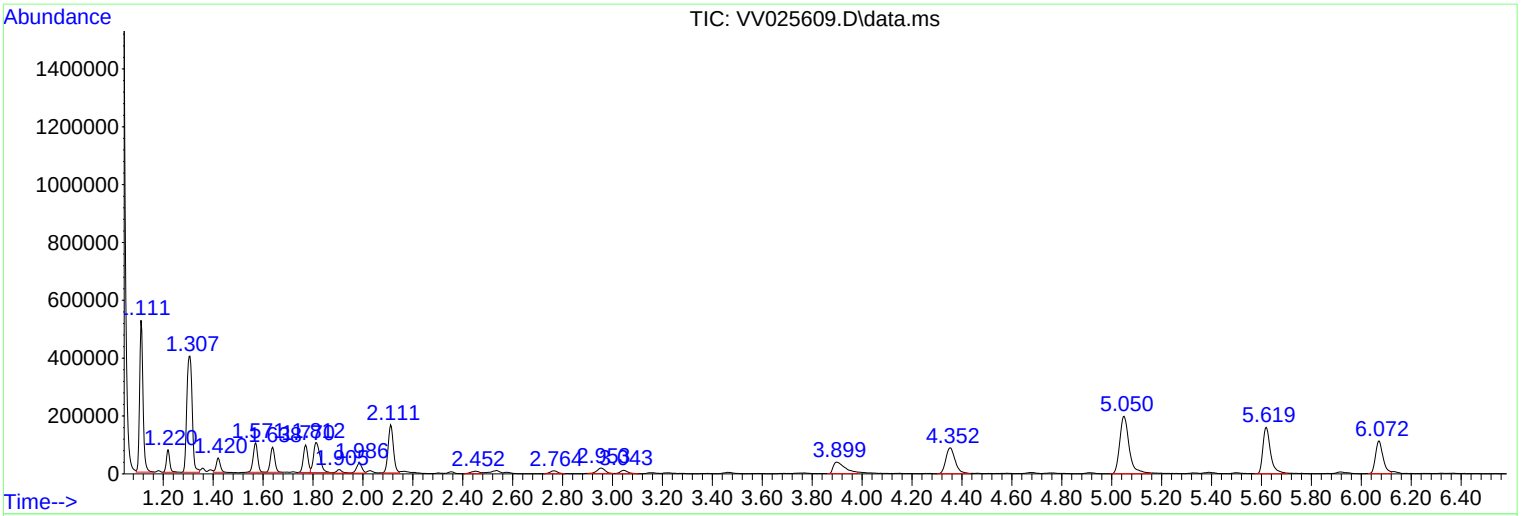
Sum of corrected areas: 6270176

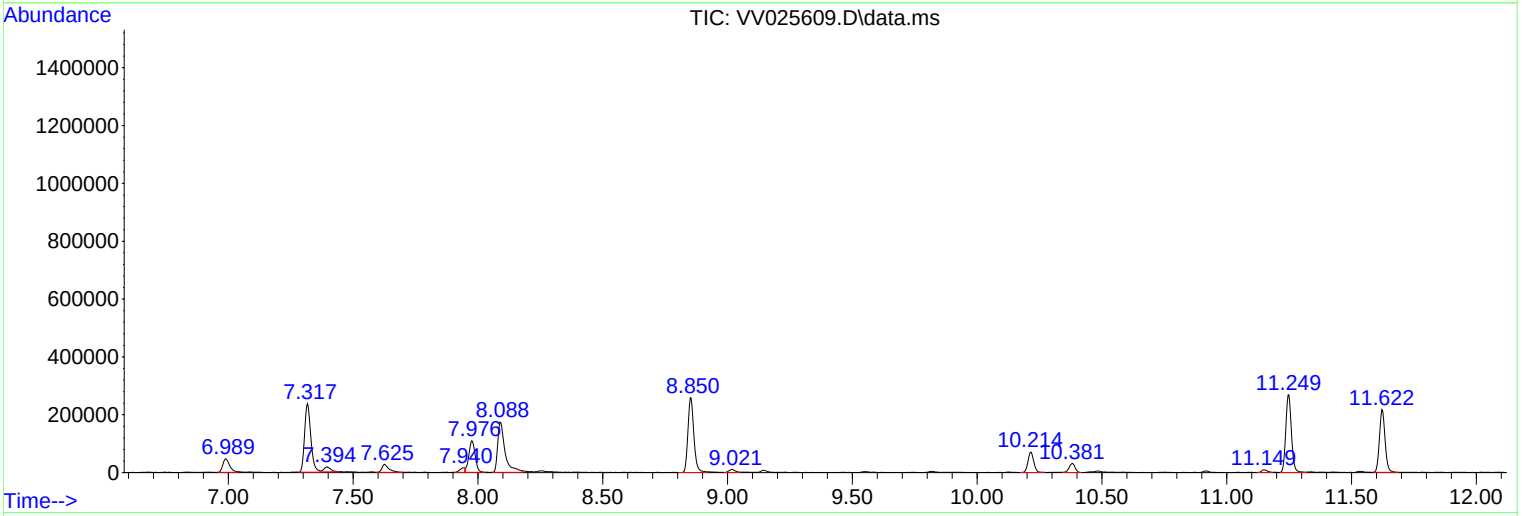
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
Data File : VV025609.D
Acq On : 18 Apr 2022 15:49
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

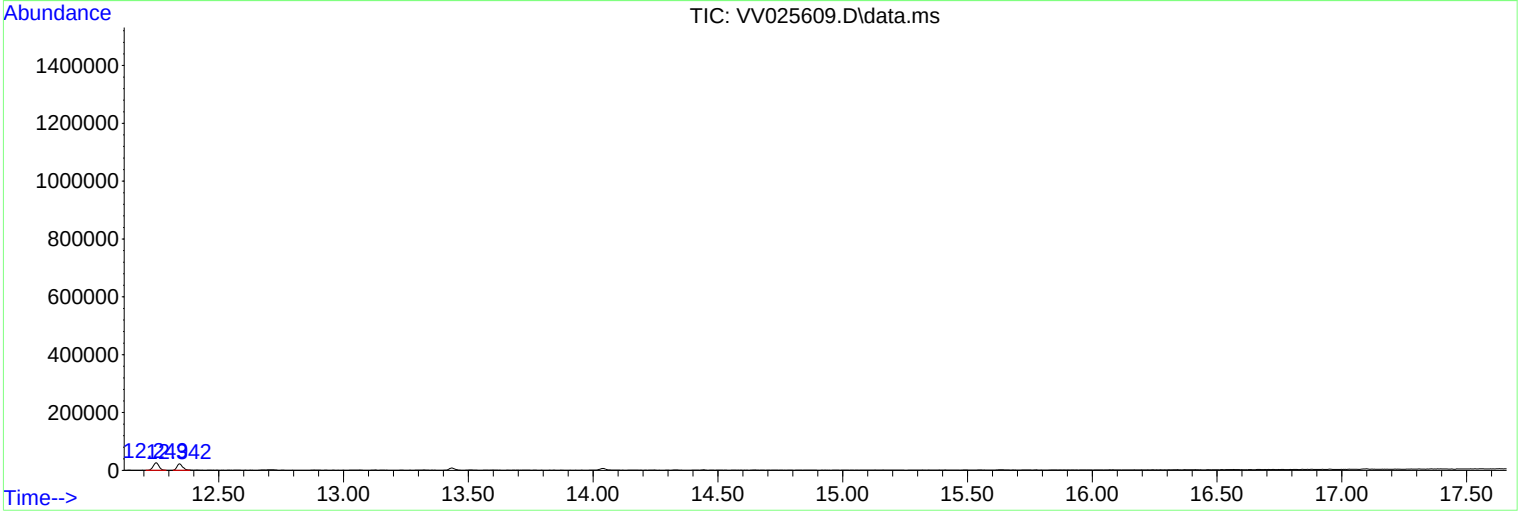
Instrument :
MSVOA_V
ClientSampleId :
EW6T1

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\VV041822\
Data File : VV025609.D
Acq On : 18 Apr 2022 15:49
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

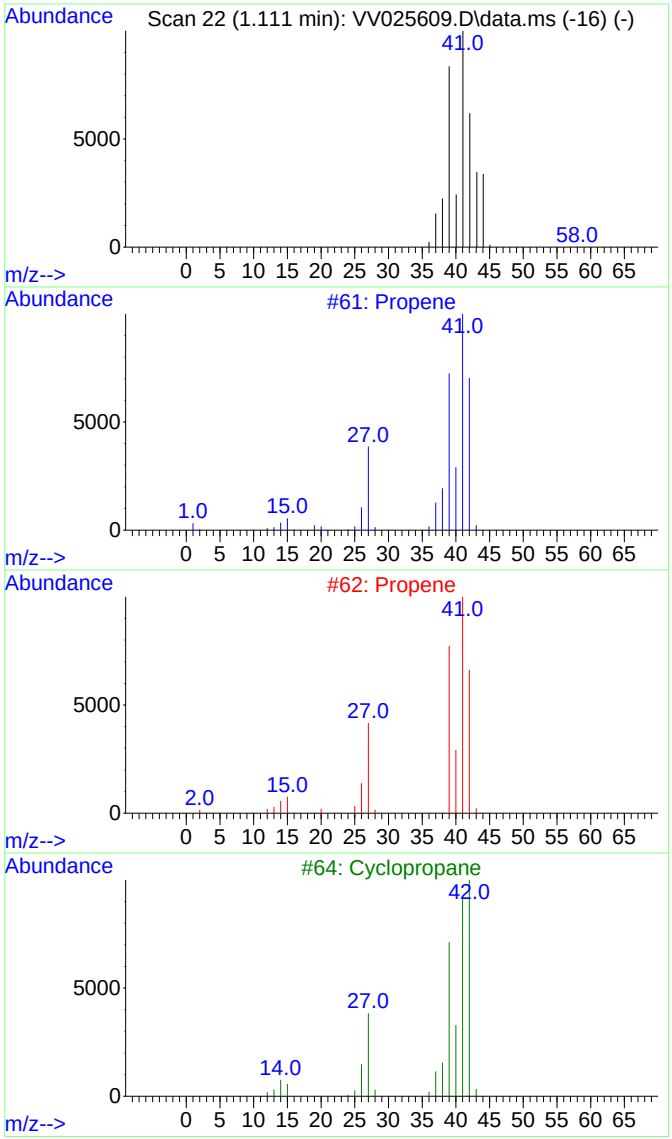
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

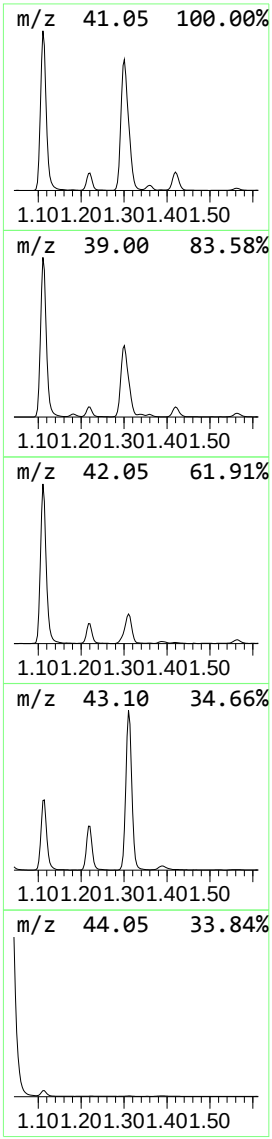
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.111	7.26 ug/L	495611	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	7
4	Cyclopropane	42	C3H6	000075-19-4	7
5	Cyclopropene	40	C3H4	002781-85-3	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
Data File : VV025609.D
Acq On : 18 Apr 2022 15:49
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

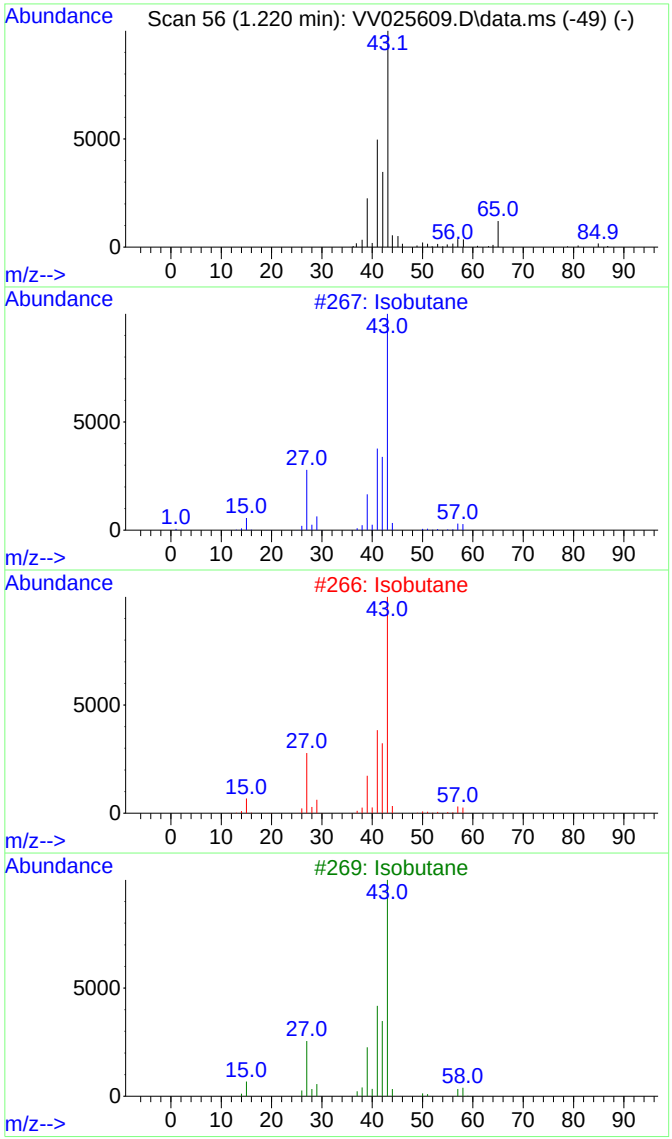
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

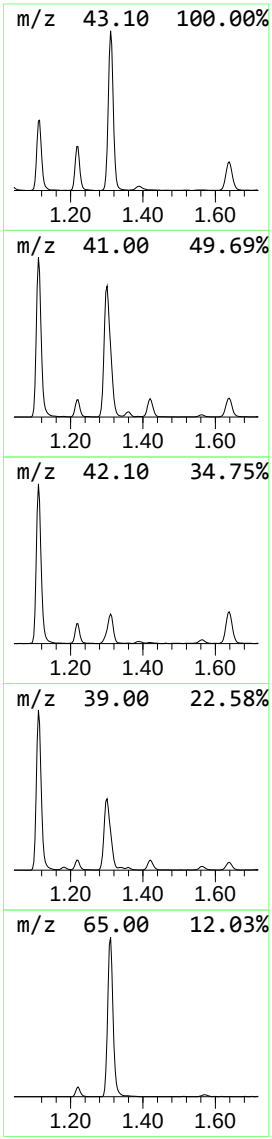
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.220	1.07 ug/L	72986	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	40
5	Isobutane	58	C4H10	000075-28-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
Data File : VV025609.D
Acq On : 18 Apr 2022 15:49
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

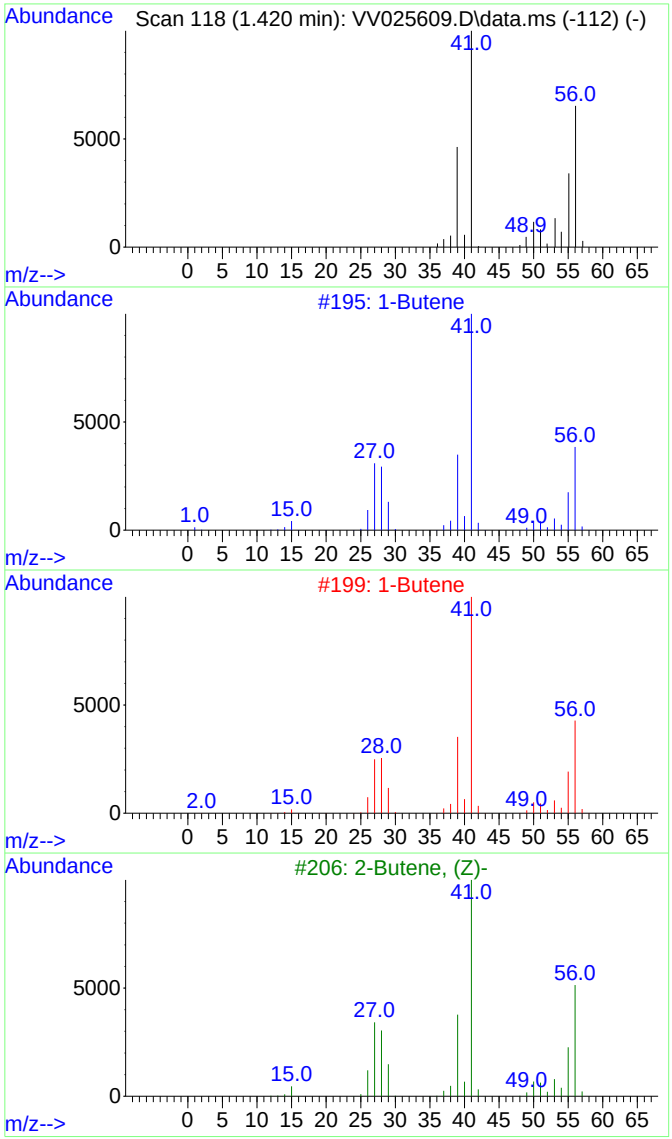
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

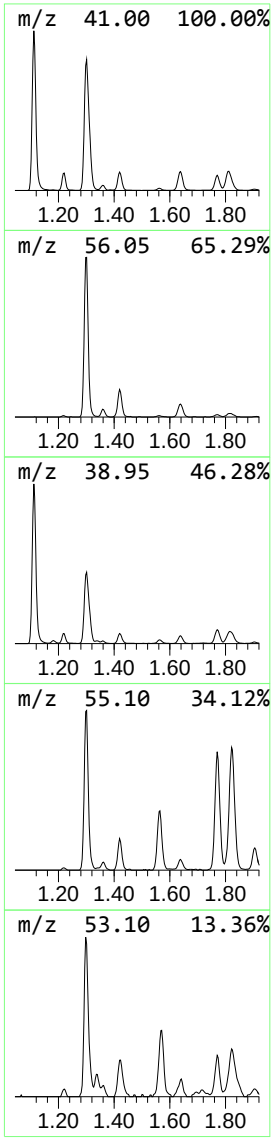
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.420	0.80 ug/L	54798	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	86
3	2-Butene, (Z)-	56	C4H8	000590-18-1	80
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
5	2-Butene, (E)-	56	C4H8	000624-64-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
Data File : VV025609.D
Acq On : 18 Apr 2022 15:49
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

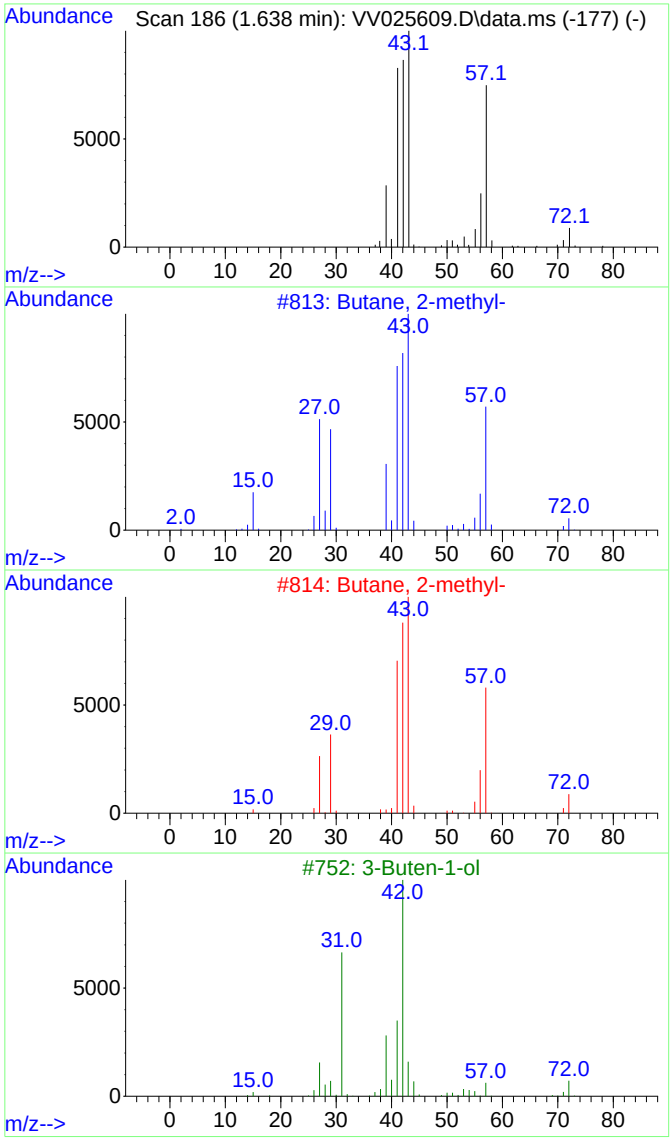
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

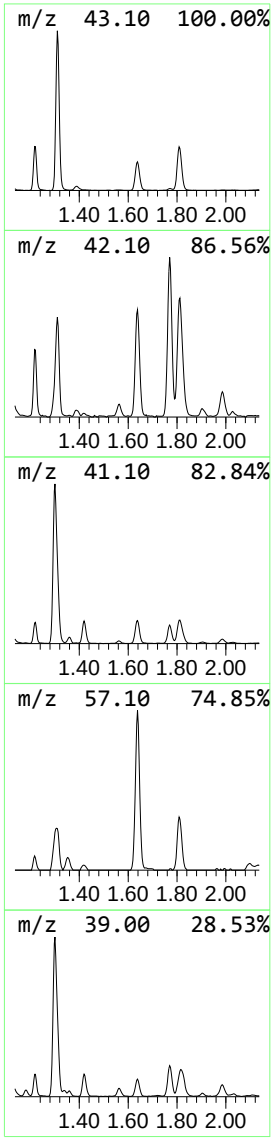
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.638	1.57 ug/L	107226	1,4-Difluorobenzene	5.619

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	3-Buten-1-ol	72	C4H8O	000627-27-0	43
4	Pentane	72	C5H12	000109-66-0	38
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
Data File : VV025609.D
Acq On : 18 Apr 2022 15:49
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

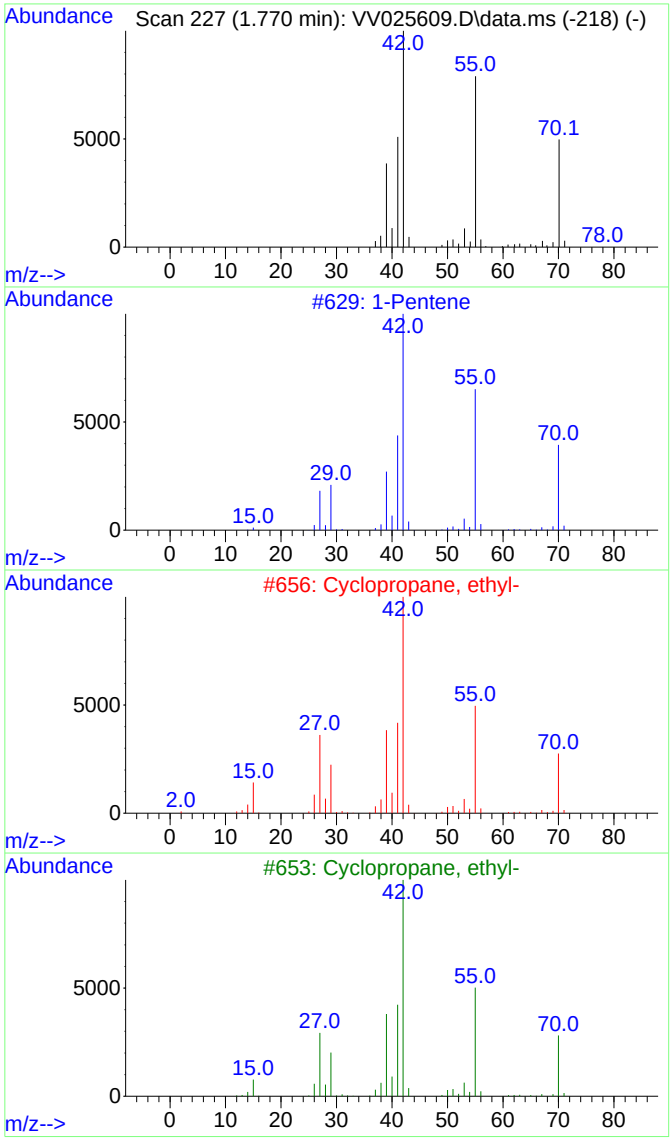
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

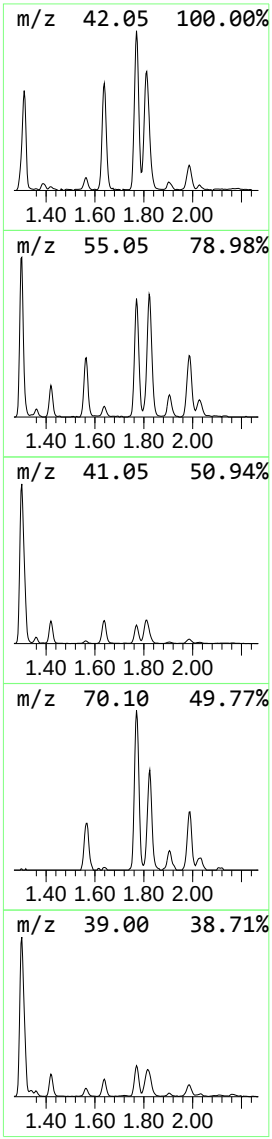
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.770	1.73 ug/L	117865	1,4-Difluorobenzene	5.619

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	86
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	76
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	74
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
Data File : VV025609.D
Acq On : 18 Apr 2022 15:49
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

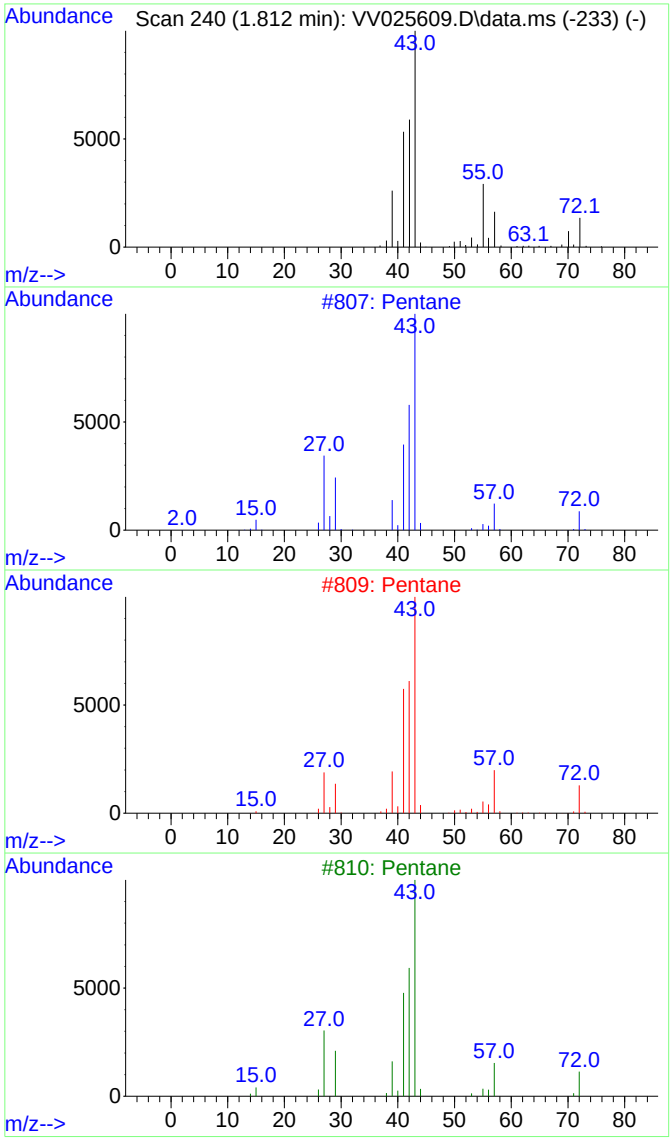
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

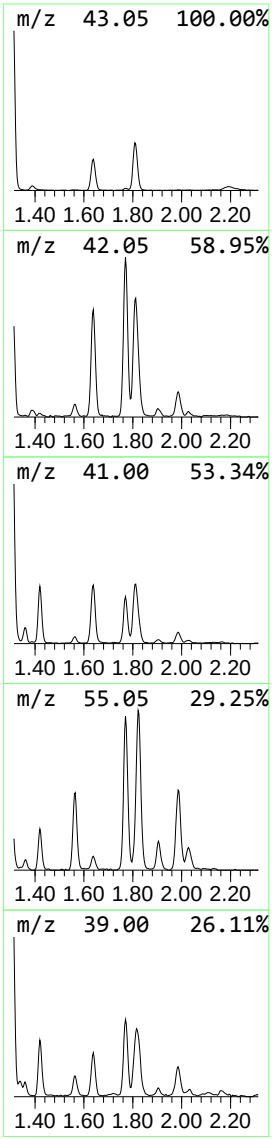
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.812	2.77 ug/L	189088	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	80
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	78
4	Pentane	72	C5H12	000109-66-0	72
5	Pentane	72	C5H12	000109-66-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
Data File : VV025609.D
Acq On : 18 Apr 2022 15:49
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

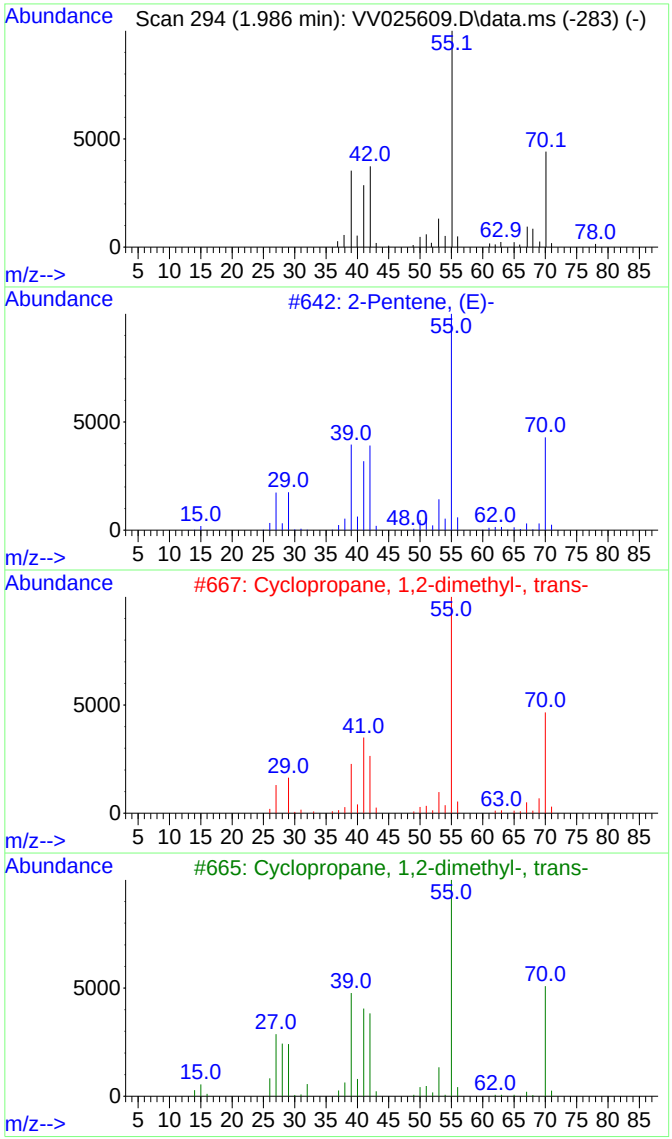
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

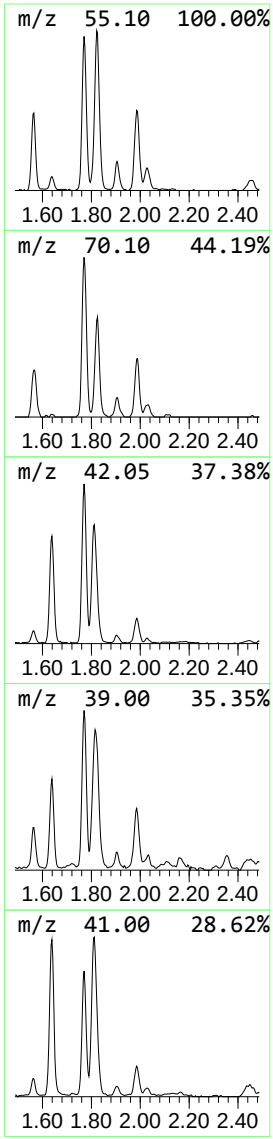
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.986	0.75 ug/L	50927	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	93
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	86
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	81
4	2-Pentene	70	C5H10	000109-68-2	78
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
Data File : VV025609.D
Acq On : 18 Apr 2022 15:49
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW6T1

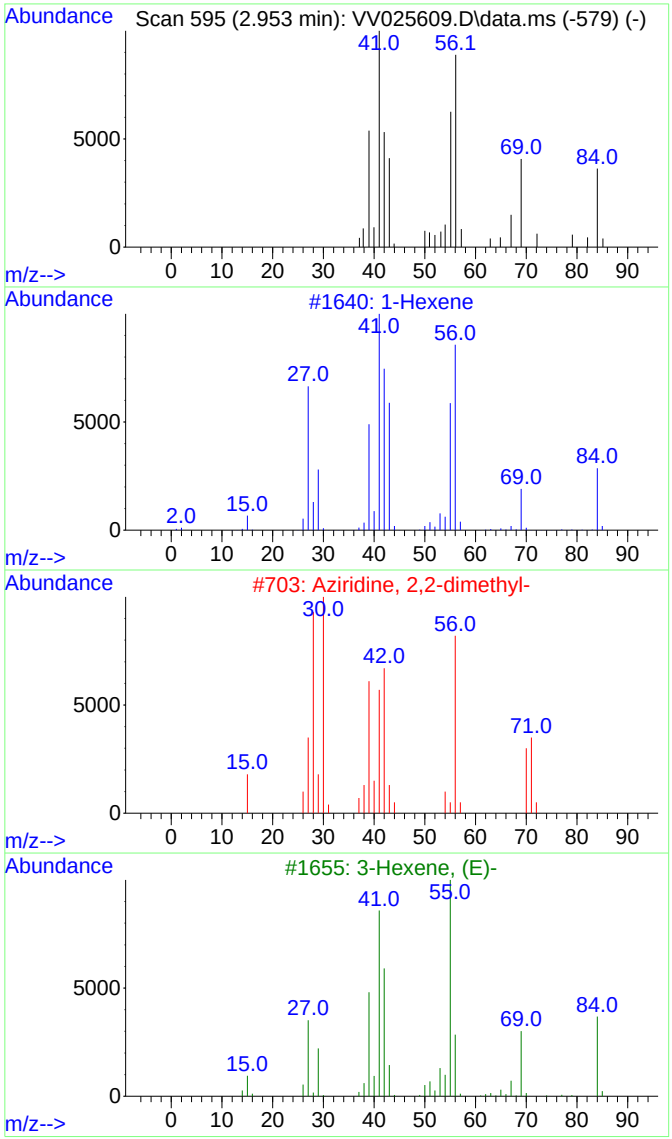
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0

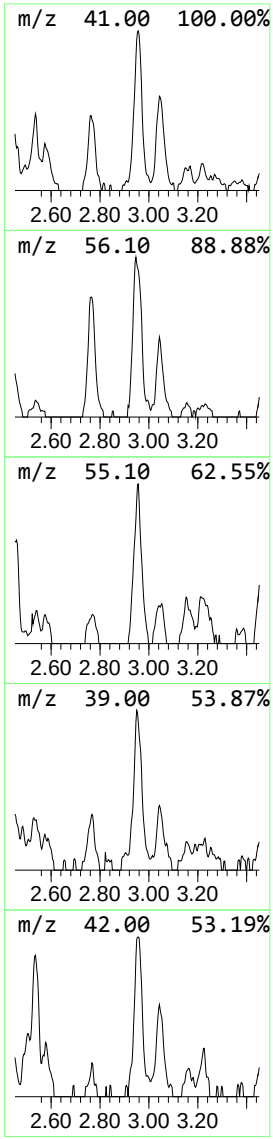
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.953	0.63 ug/L	43034	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	64
2	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	59
3	3-Hexene, (E)-	84	C6H12	013269-52-8	58
4	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	58
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041822\
Data File : VV025609.D
Acq On : 18 Apr 2022 15:49
Operator : SY/MD
Sample : N2438-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 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...	1.111	7.3	ug/L	495611	1	5.619	341135	5.0
(DEL) Alkane: S...	1.220	1.1	ug/L	72986	1	5.619	341135	5.0
(DEL) Alkane: S...	1.420	0.8	ug/L	54798	1	5.619	341135	5.0
(DEL) Alkane: S...	1.638	1.6	ug/L	107226	1	5.619	341135	5.0
(DEL) Alkane: S...	1.770	1.7	ug/L	117865	1	5.619	341135	5.0
(DEL) Alkane: S...	1.812	2.8	ug/L	189088	1	5.619	341135	5.0
(DEL) Alkane: S...	1.986	0.8	ug/L	50927	1	5.619	341135	5.0
(DEL) Alkane: S...	2.953	0.6	ug/L	43034	1	5.619	341135	5.0