LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026627.D
Acq On : 01 Jul 2022 14:15
Operator : SY/MD
Sample : N3506-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH4

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\SFAMVTR062322WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV026627.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.127	21	27	43	rVB	252919	263298	43.56%	4.320%
2	1.314	77	85	95	rBV2	222481	334674	55.36%	5.491%
3	1.581	159	168	180	rBV2	81946	104129	17.23%	1.708%
4	1.780	223	230	237	rBV	45827	57228	9.47%	0.939%
5	1.828	237	245	261	rVB4	46053	88473	14.64%	1.451%
6	2.121	326	336	349	rVB	146767	206679	34.19%	3.391%
7	3.928	885	898	934	rBV2	40833	180157	29.80%	2.956%
8	4.265	990	1003	1019	rBV3	19333	49615	8.21%	0.814%
9	4.368	1019	1035	1069	rVB3	120831	386500	63.94%	6.341%
10	5.060	1234	1250	1285	rBV2	223322	572909	94.77%	9.399%
11	5.625	1414	1426	1460	rVB	246144	505639	83.64%	8.296%
12	6.079	1554	1567	1587	rBV	136790	279774	46.28%	4.590%
13	6.320	1631	1642	1663	rBV	27768	57858	9.57%	0.949%
14	6.584	1711	1724	1739	rBV3	27586	61080	10.10%	1.002%
15	6.995	1839	1852	1874	rBV2	49312	94846	15.69%	1.556%
16	7.143	1885	1898	1914	rBV4	30316	59985	9.92%	0.984%
17	7.320	1942	1953	1967	rBV	244868	434246	71.83%	7.124%
18	7.394	1967	1976	2002	rVB	104854	189668	31.38%	3.112%
19	7.629	2039	2049	2067	rBV	26775	51988	8.60%	0.853%
20	8.095	2183	2194	2231	rBV2	217314	462531	76.51%	7.588%
21	8.854	2417	2430	2459	rBV	369034	604517	100.00%	9.918%
22	10.217	2840	2854	2872	rBV	101798	161217	26.67%	2.645%
23	11.249	3164	3175	3197	rBV	331631	513904	85.01%	8.431%
24	11.625	3280	3292	3312	rBV	232369	374373	61.93%	6.142%

Sum of corrected areas: 6095288

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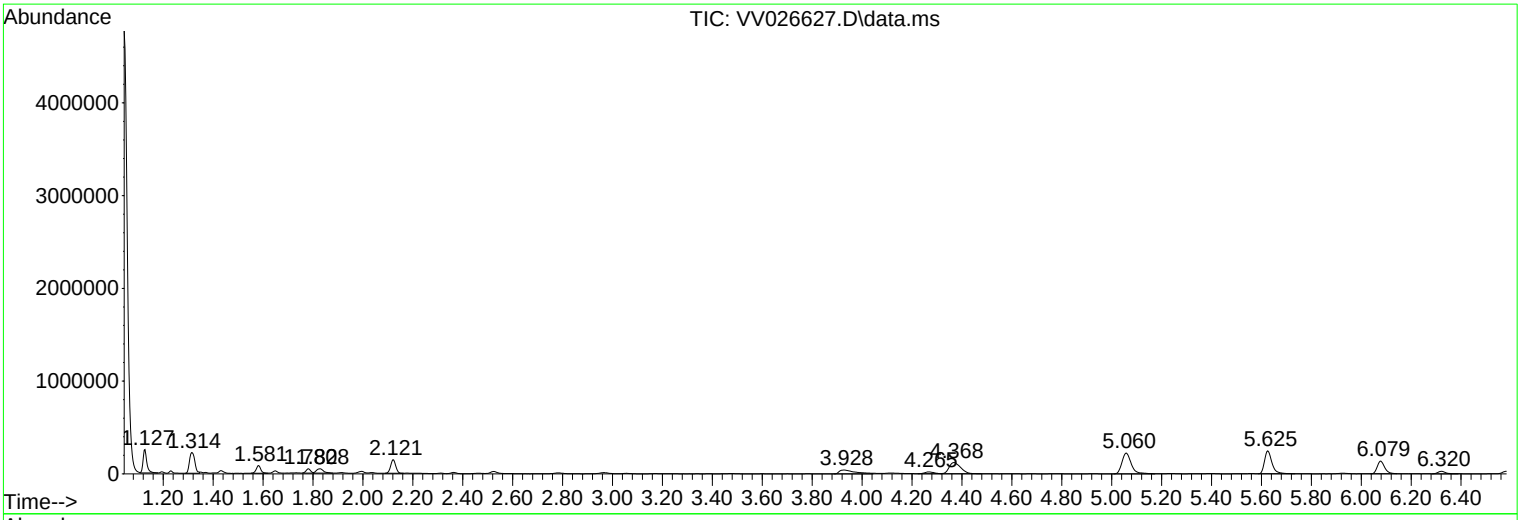
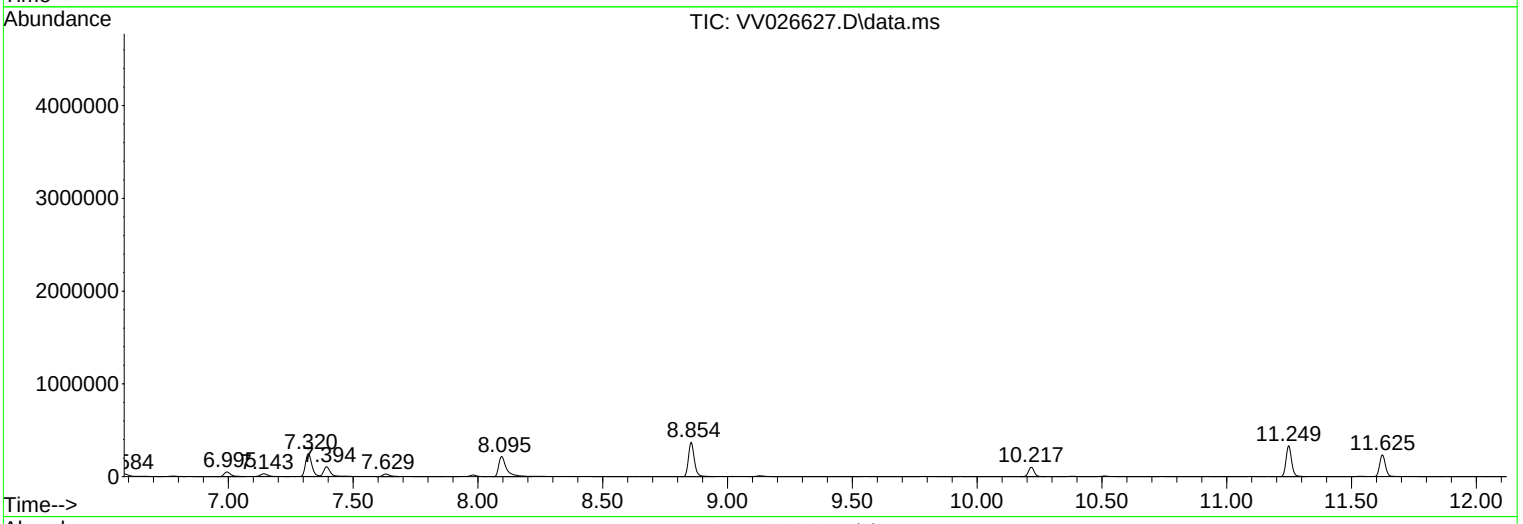
ALS Vial : 12 Sample Multiplier: 1

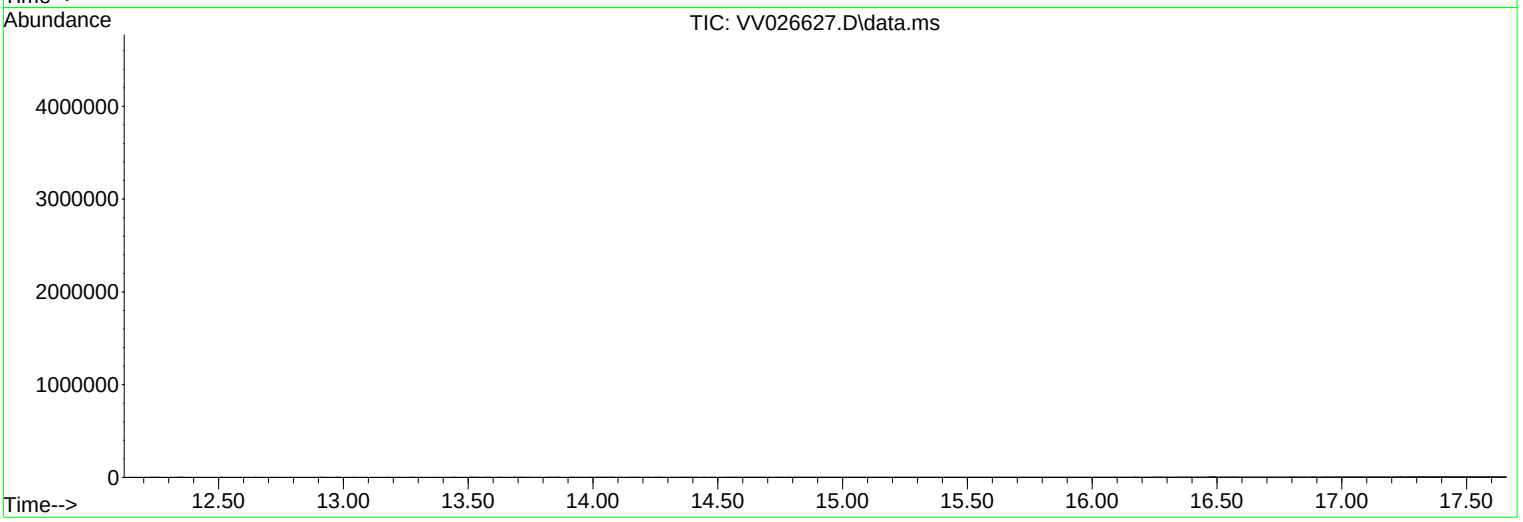
Instrument :
MSVOA_V
ClientSampleId :
C0AH4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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Data File : VV026627.D
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Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
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Instrument :
MSVOA_V
ClientSampleId :
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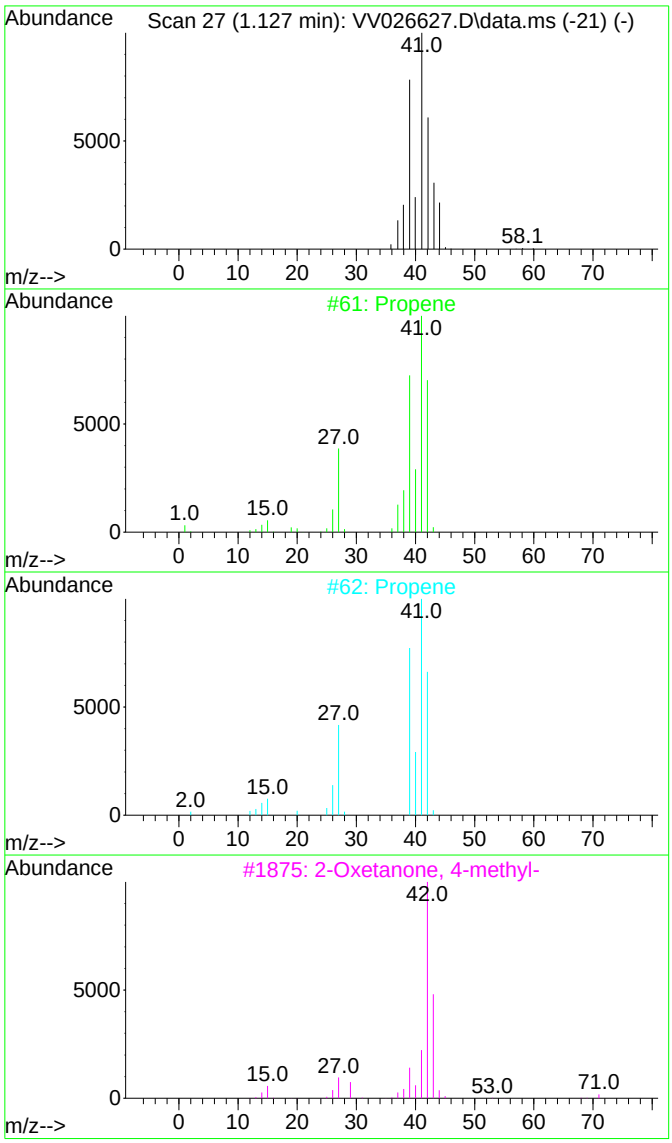
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

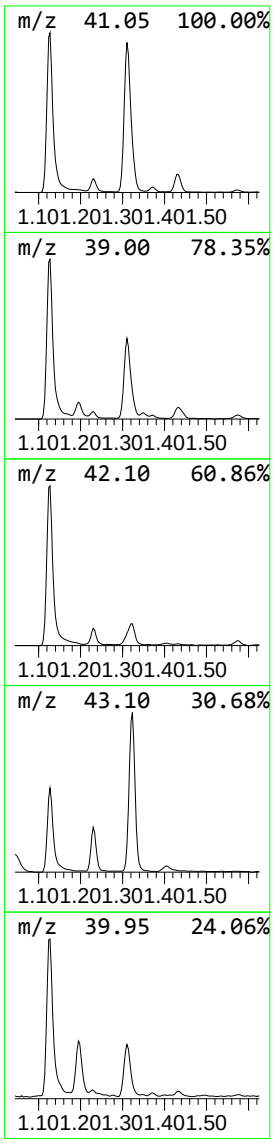
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.127	2.60 ug/L	263298	1,4-Difluorobenzene	5.625

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	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
4	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	9





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Data File : VV026627.D
Acq On : 01 Jul 2022 14:15
Operator : SY/MD
Sample : N3506-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH4

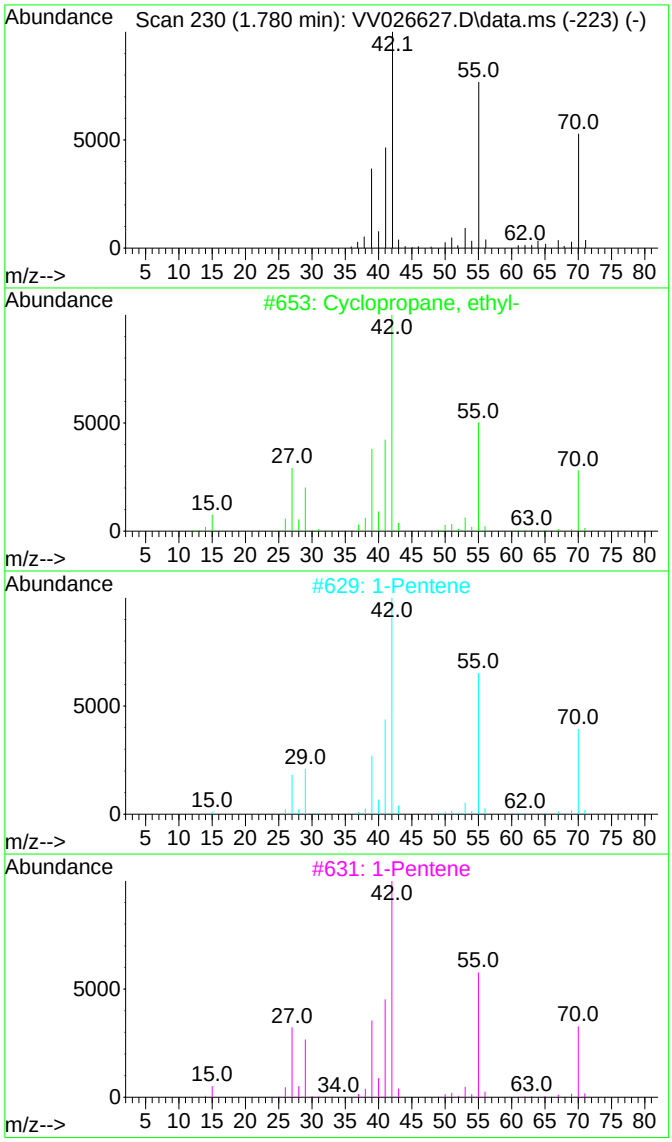
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

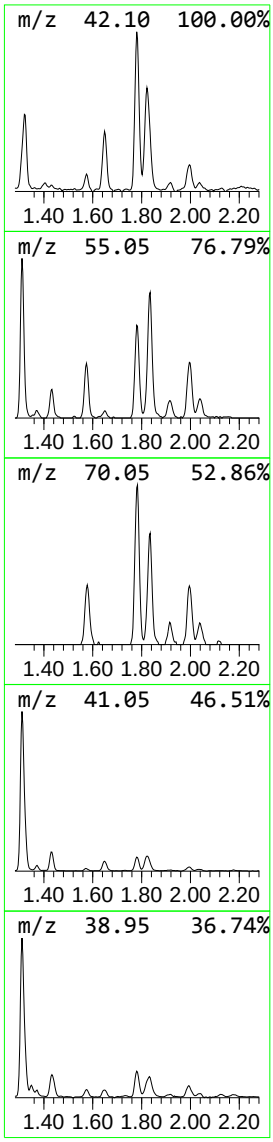
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic1.780 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.780	0.57 ug/L	57228	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	87
2	1-Pentene	70	C5H10	000109-67-1	87
3	1-Pentene	70	C5H10	000109-67-1	87
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	86
5	1-Pentene	70	C5H10	000109-67-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026627.D
Acq On : 01 Jul 2022 14:15
Operator : SY/MD
Sample : N3506-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH4

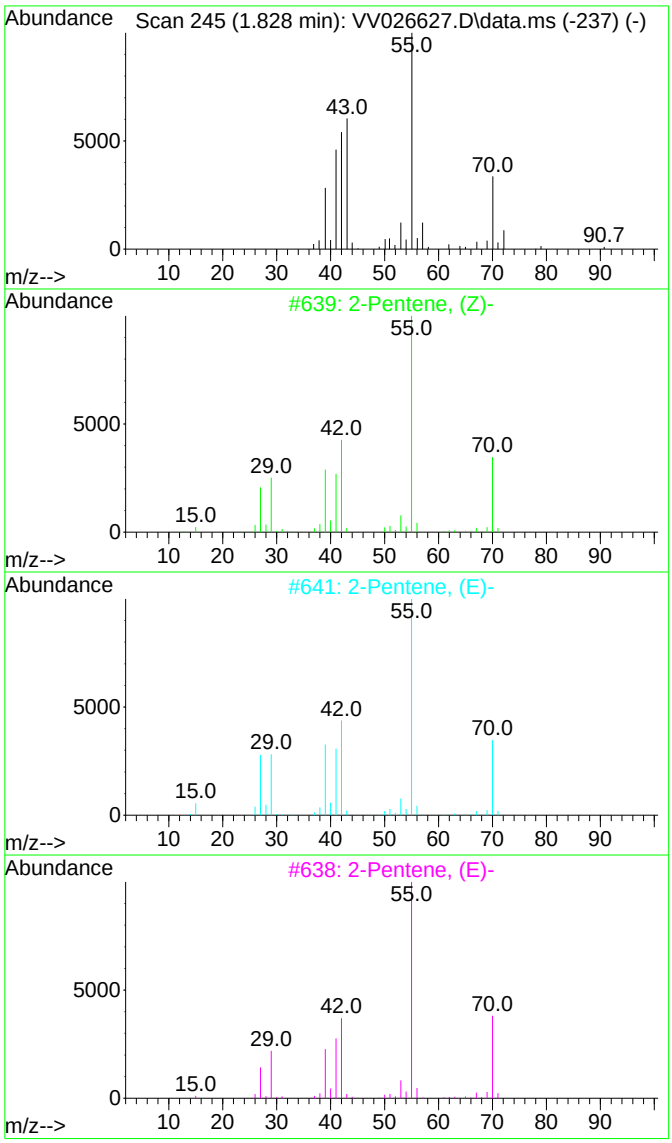
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

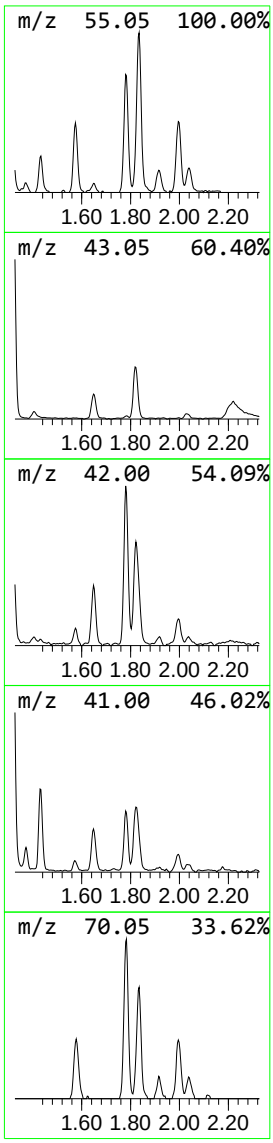
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.828	0.87 ug/L	88473	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	81
2	2-Pentene, (E)-	70	C5H10	000646-04-8	74
3	2-Pentene, (E)-	70	C5H10	000646-04-8	74
4	2-Pentene	70	C5H10	000109-68-2	74
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	74





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Acq On : 01 Jul 2022 14:15
Operator : SY/MD
Sample : N3506-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH4

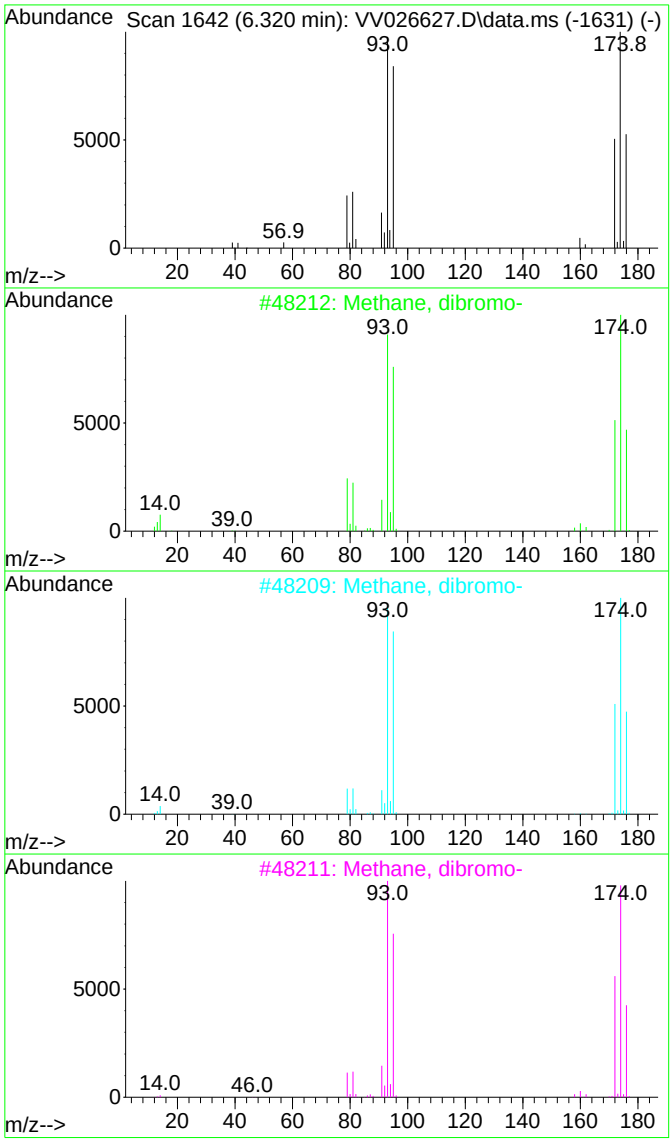
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

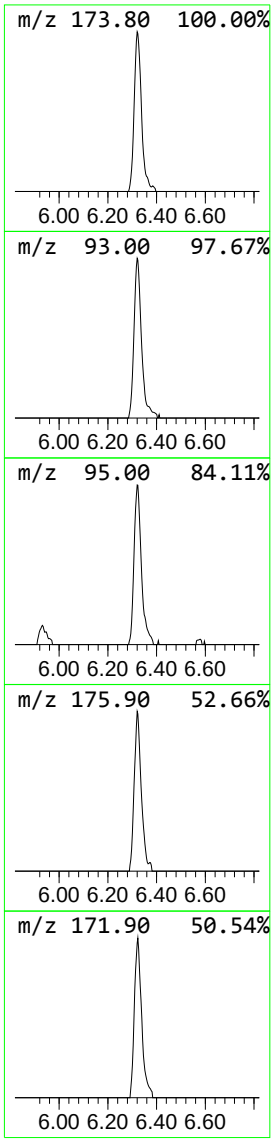
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Methane, dibromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.320	0.57 ug/L	57858	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, dibromo-	172	CH2Br2	000074-95-3	97
2	Methane, dibromo-	172	CH2Br2	000074-95-3	97
3	Methane, dibromo-	172	CH2Br2	000074-95-3	95
4	Methane, dibromo-	172	CH2Br2	000074-95-3	91
5	Dimethyl selenodisulfide	174	C2H6S2Se	1000357-25-9	9





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Operator : SY/MD
Sample : N3506-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

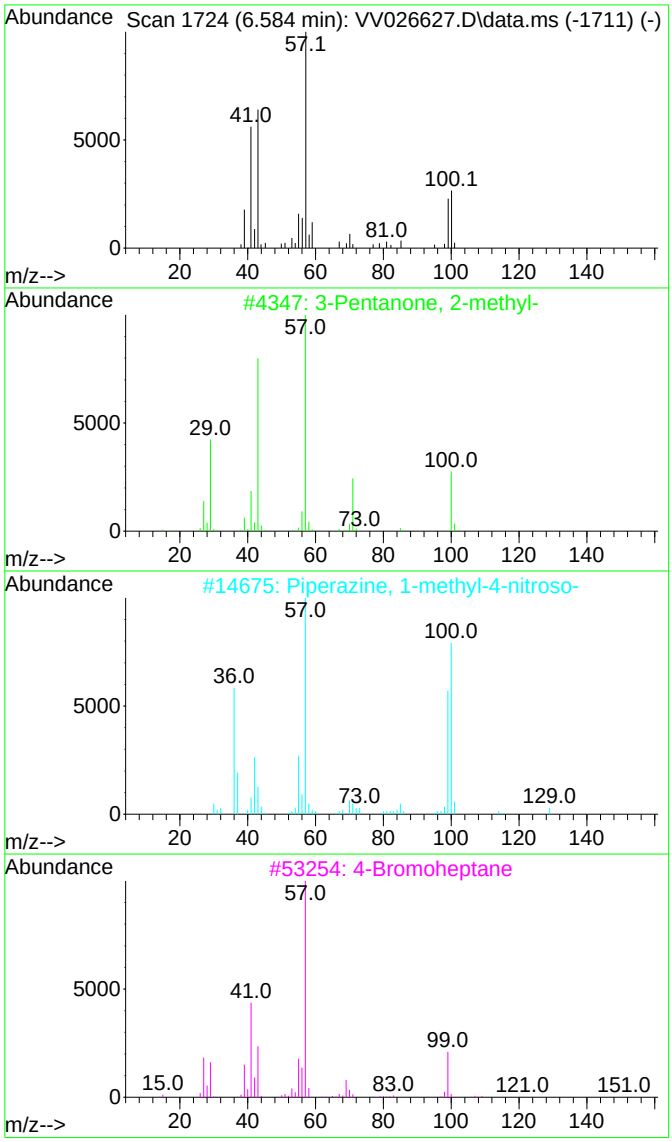
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

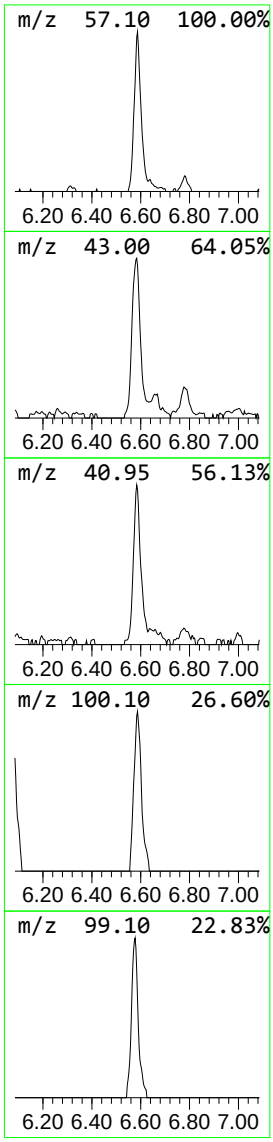
****

Peak Number 5 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.584	0.60 ug/L	61080	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	47
2	Piperazine, 1-methyl-4-nitroso-	129	C5H11N3O	016339-07-4	45
3	4-Bromoheptane	178	C7H15Br	000998-93-6	43
4	3-Hexanone	100	C6H12O	000589-38-8	38
5	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	35





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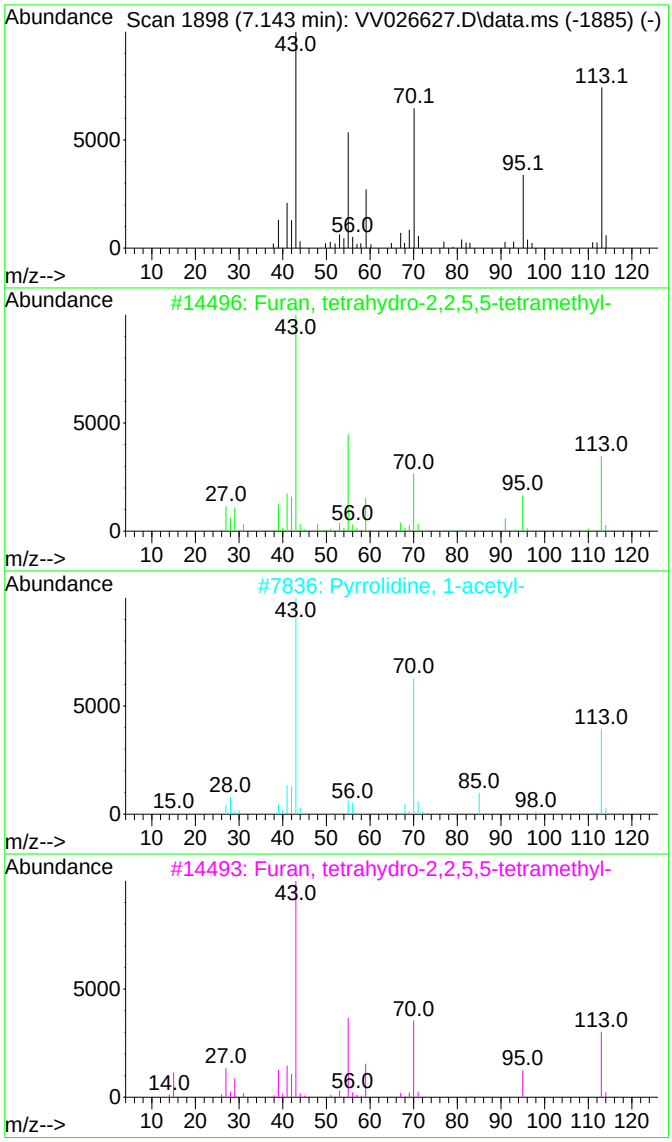
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

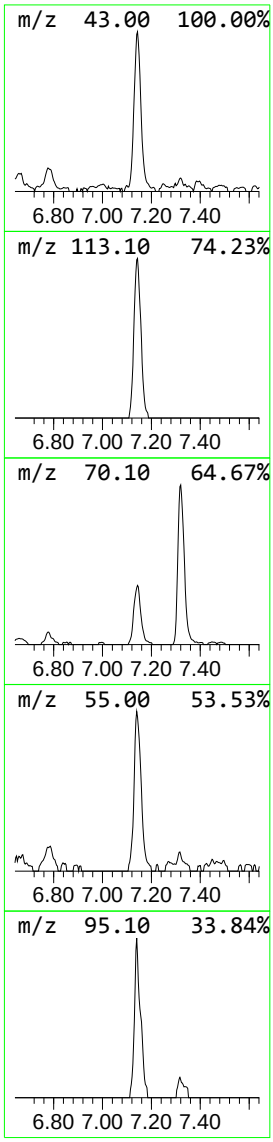
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.143	0.59 ug/L	59985	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	83
2	Pyrrolidine, 1-acetyl-	113	C6H11NO	004030-18-6	59
3	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	59
4	4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	58
5	Ethosuximide	141	C7H11NO2	000077-67-8	50





Tentatively Identified Compound (LSC) summary

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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...	1.127	2.6	ug/L	263298	1	5.625	505639	5.0
(DEL) Alkane: C...	1.780	0.6	ug/L	57228	1	5.625	505639	5.0
(DEL) Alkane: S...	1.828	0.9	ug/L	88473	1	5.625	505639	5.0
Methane, dibromo-	6.320	0.6	ug/L	57858	1	5.625	505639	5.0
unknown-01	6.584	0.6	ug/L	61080	1	5.625	505639	5.0
Furan, tetrahyd...	7.143	0.6	ug/L	59985	1	5.625	505639	5.0