LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

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: VV026629.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.124	20	26	43	rBV	1071523	1091212	72.45%	6.982%
2	1.310	76	84	92	rBV2	815331	1026578	68.16%	6.569%
3	1.372	99	103	110	rVB	180161	167343	11.11%	1.071%
4	1.429	115	121	140	rVB	169600	189557	12.58%	1.213%
5	1.581	158	168	180	rBV2	97280	136139	9.04%	0.871%
6	1.780	222	230	237	rBV	185205	227296	15.09%	1.454%
7	1.825	237	244	261	rVB3	133197	247393	16.42%	1.583%
8	1.915	263	272	280	rBV	107934	136916	9.09%	0.876%
9	1.989	285	295	303	rVV4	95013	161892	10.75%	1.036%
10	2.037	303	310	325	rVB	168404	235670	15.65%	1.508%
11	2.121	326	336	345	rBV	142994	203002	13.48%	1.299%
12	2.172	345	352	363	rVB	55165	73299	4.87%	0.469%
13	2.362	403	411	425	rVB	60612	97350	6.46%	0.623%
14	2.490	443	451	463	rVB	58462	93969	6.24%	0.601%
15	2.966	585	599	616	rBV2	76974	161498	10.72%	1.033%
16	3.461	737	753	766	rBV6	23332	73560	4.88%	0.471%
17	3.924	885	897	936	rBV3	53431	222389	14.76%	1.423%
18	4.095	940	950	973	rBV2	62152	168089	11.16%	1.076%
19	4.365	1016	1034	1055	rBV3	123366	399803	26.54%	2.558%
20	4.471	1056	1067	1092	rVB4	52661	143138	9.50%	0.916%
21	5.059	1230	1250	1256	rBV2	240995	548448	36.41%	3.509%
22	5.108	1257	1265	1289	rVV	549555	1196096	79.41%	7.654%
23	5.230	1292	1303	1323	rVB	45962	113002	7.50%	0.723%
24	5.625	1415	1426	1453	rBV	239092	584282	38.79%	3.739%
25	5.947	1508	1526	1547	rVB9	25411	72730	4.83%	0.465%
26	6.076	1553	1566	1578	rBV	137808	284535	18.89%	1.821%
27	6.137	1579	1585	1604	rVB5	35050	75446	5.01%	0.483%
28	6.516	1693	1703	1713	rBV2	39673	86003	5.71%	0.550%
29	6.992	1843	1851	1873	rVB2	52959	102952	6.84%	0.659%
30	7.172	1897	1907	1922	rVB	59086	107105	7.11%	0.685%
31	7.320	1942	1953	1965	rBV	259878	445733	29.59%	2.852%
32	7.391	1965	1975	1996	rVB	889191	1506225	100.00%	9.638%
33	7.976	2141	2157	2174	rBV	765177	1276578	84.75%	8.169%
34	8.091	2184	2193	2215	rBV	247017	510175	33.87%	3.265%
35	8.854	2419	2430	2442	rBV	340402	561537	37.28%	3.593%
36	9.014	2471	2480	2494	rBV	158927	247490	16.43%	1.584%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

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

37	9.136	2507	2518	2535	rBV	391104	639216	42.44%	4.090%
38	9.545	2633	2645	2675	rBV2	176467	346930	23.03%	2.220%
39	10.217	2843	2854	2869	rBV	110961	176560	11.72%	1.130%
40	10.448	2916	2926	2943	rBV	92177	212349	14.10%	1.359%
41	10.915	3057	3071	3084	rBV	106020	166670	11.07%	1.066%
42	11.249	3164	3175	3193	rBV	352696	554817	36.83%	3.550%
43	11.529	3248	3262	3272	rBV2	43001	86102	5.72%	0.551%
44	11.625	3282	3292	3309	rVB	281039	470892	31.26%	3.013%

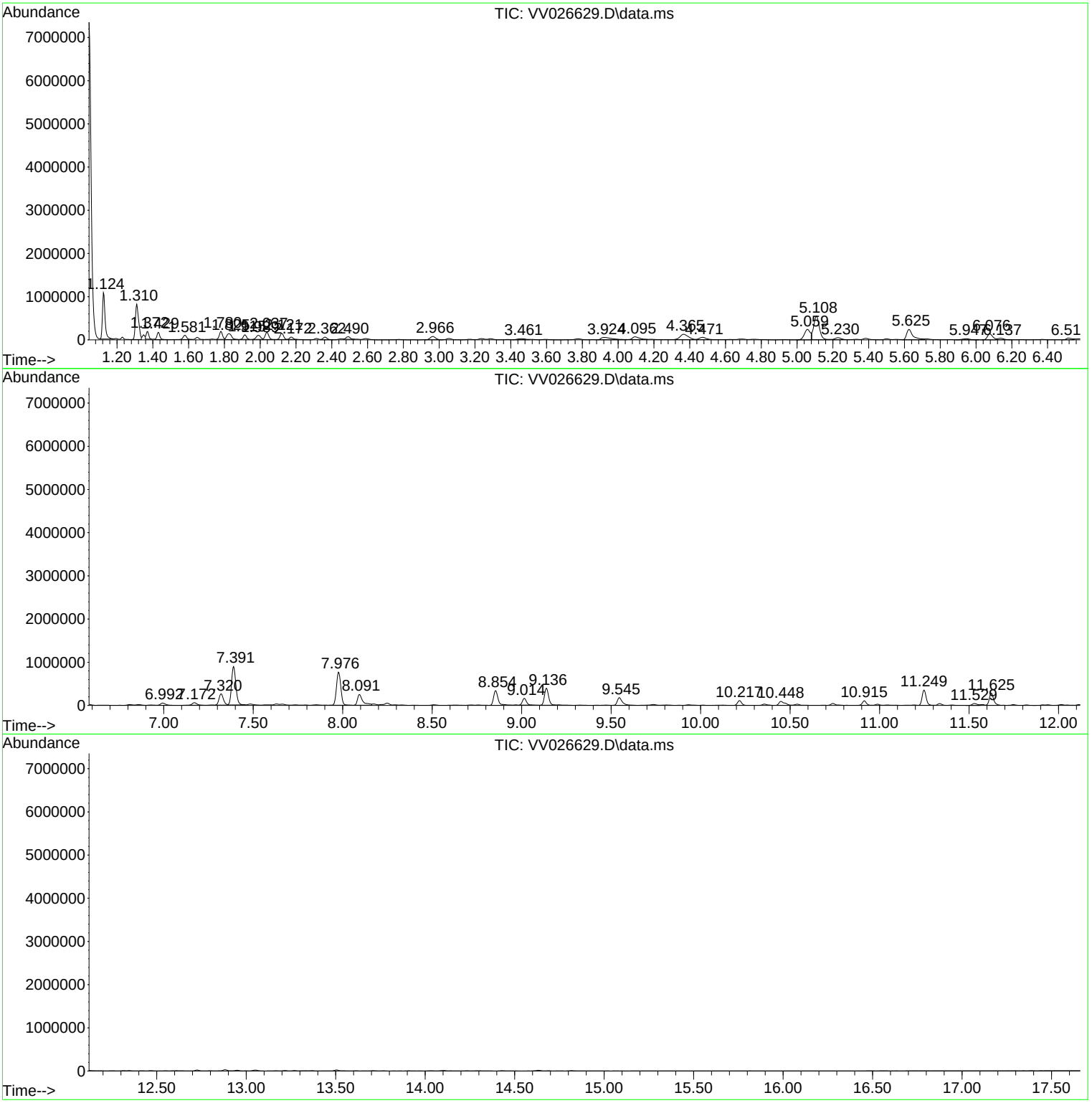
Sum of corrected areas: 15627966

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

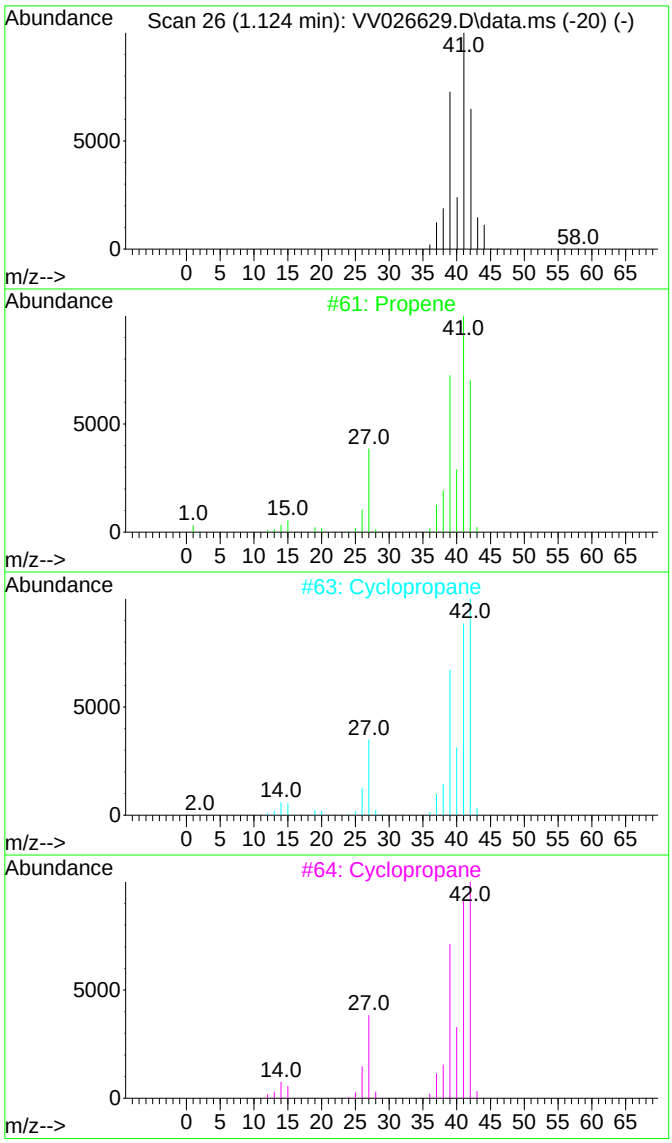
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

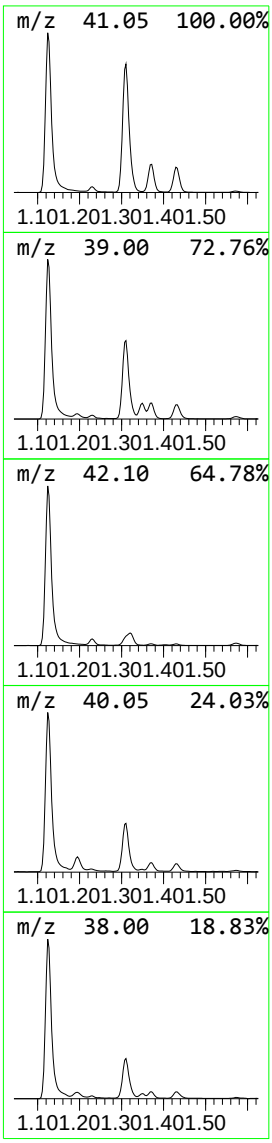
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.124	9.34 ug/L	1091210	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	Cyclopropane	42	C3H6	000075-19-4	64
3	Cyclopropane	42	C3H6	000075-19-4	64
4	Propene	42	C3H6	000115-07-1	37
5	Cyclopropene	40	C3H4	002781-85-3	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

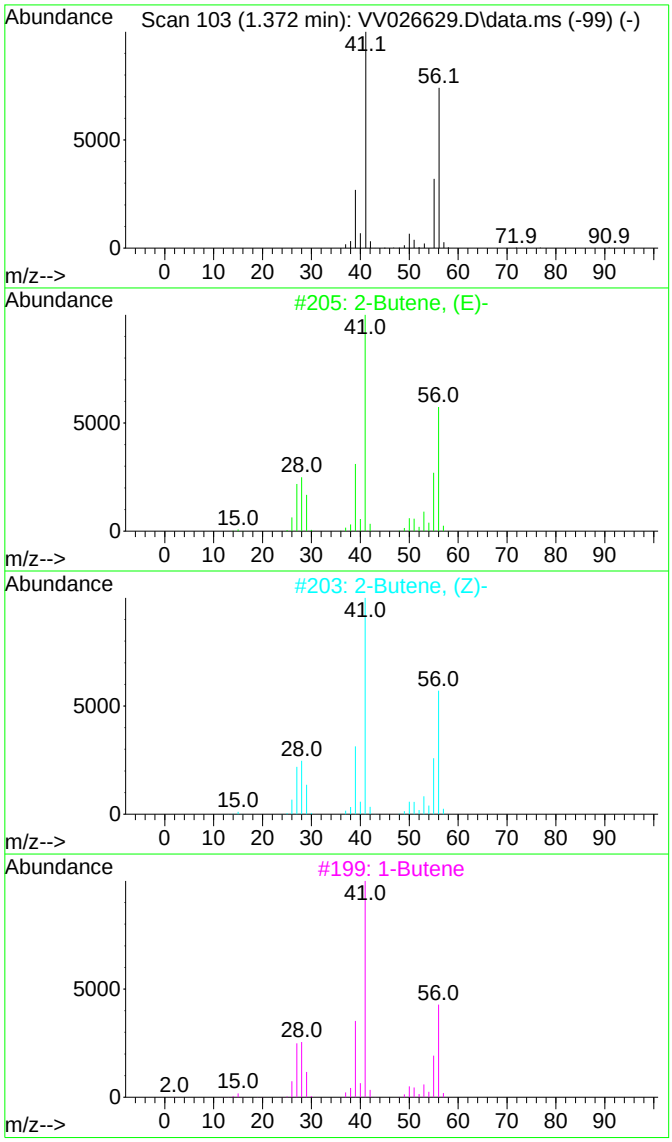
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

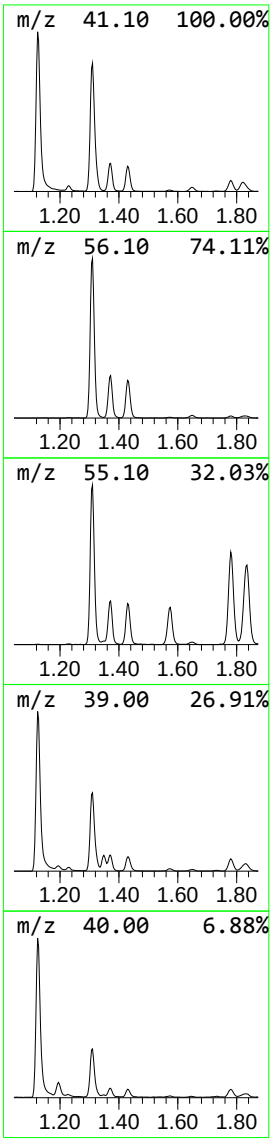
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.372	1.43 ug/L	167343	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, (E)-	56	C4H8	000624-64-6	80
2	2-Butene, (Z)-	56	C4H8	000590-18-1	80
3	1-Butene	56	C4H8	000106-98-9	80
4	2-Butene, (Z)-	56	C4H8	000590-18-1	72
5	2-Butene, (E)-	56	C4H8	000624-64-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

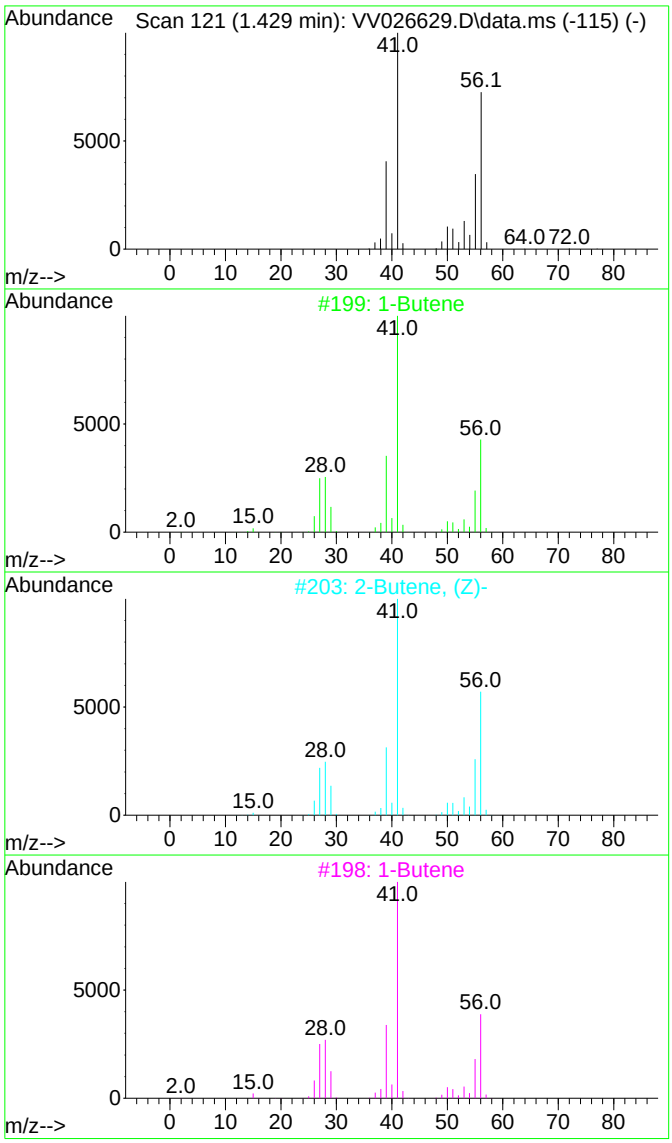
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

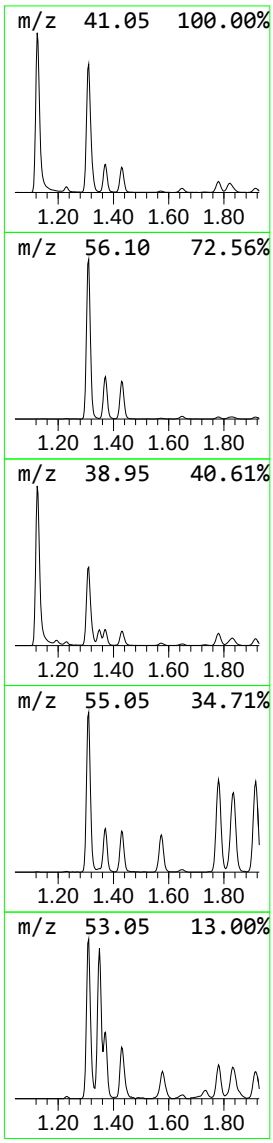
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.429	1.62 ug/L	189557	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	83
2	2-Butene, (Z)-	56	C4H8	000590-18-1	80
3	1-Butene	56	C4H8	000106-98-9	80
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	72
5	1-Butene	56	C4H8	000106-98-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

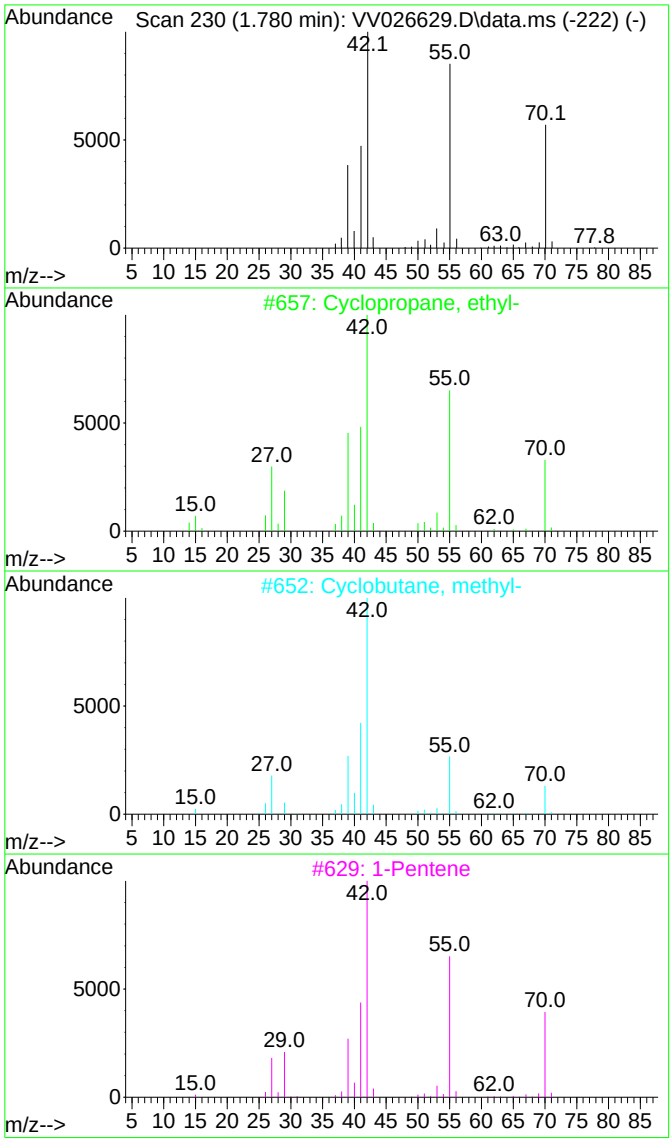
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

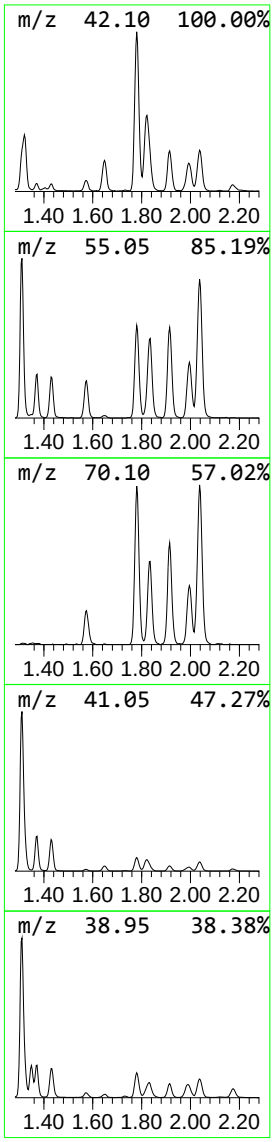
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic1.780 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.780	1.95 ug/L	227296	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	86
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	81
3	1-Pentene	70	C5H10	000109-67-1	81
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	76
5	1-Pentene	70	C5H10	000109-67-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

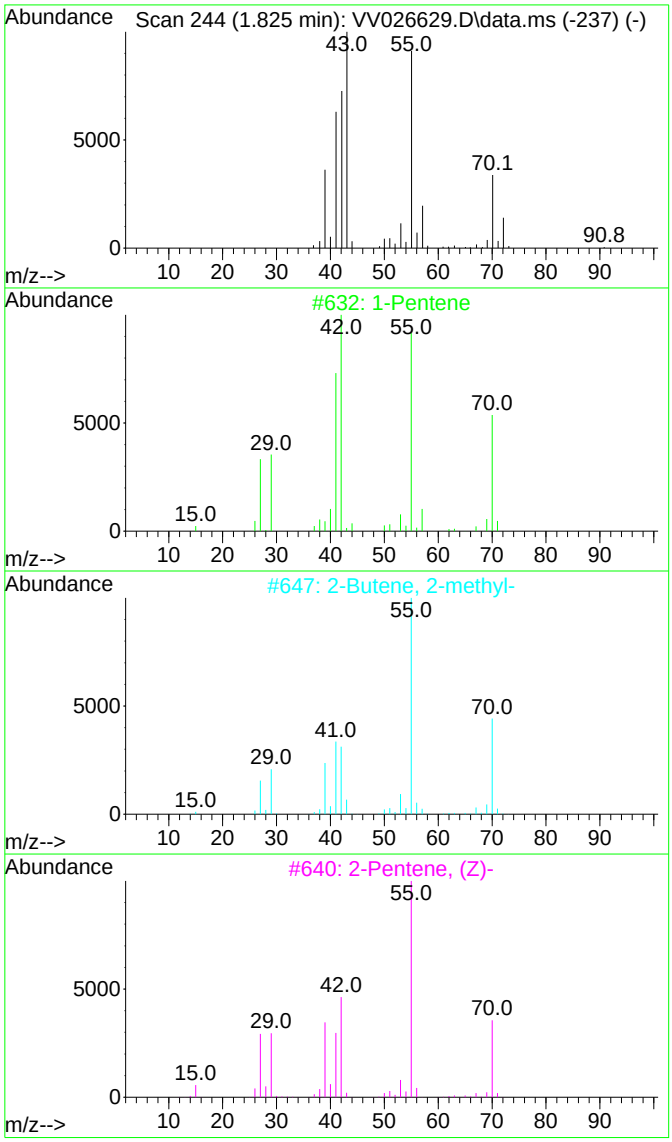
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

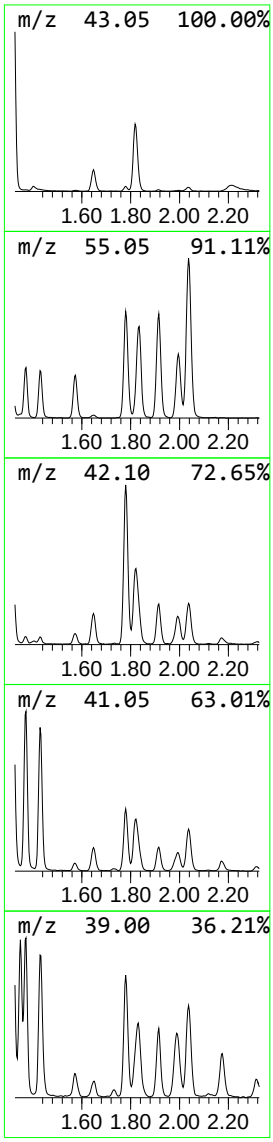
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.825	2.12 ug/L	247393	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	70
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	59
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	58
4	2-Pentene, (E)-	70	C5H10	000646-04-8	58
5	1-Pentene	70	C5H10	000109-67-1	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

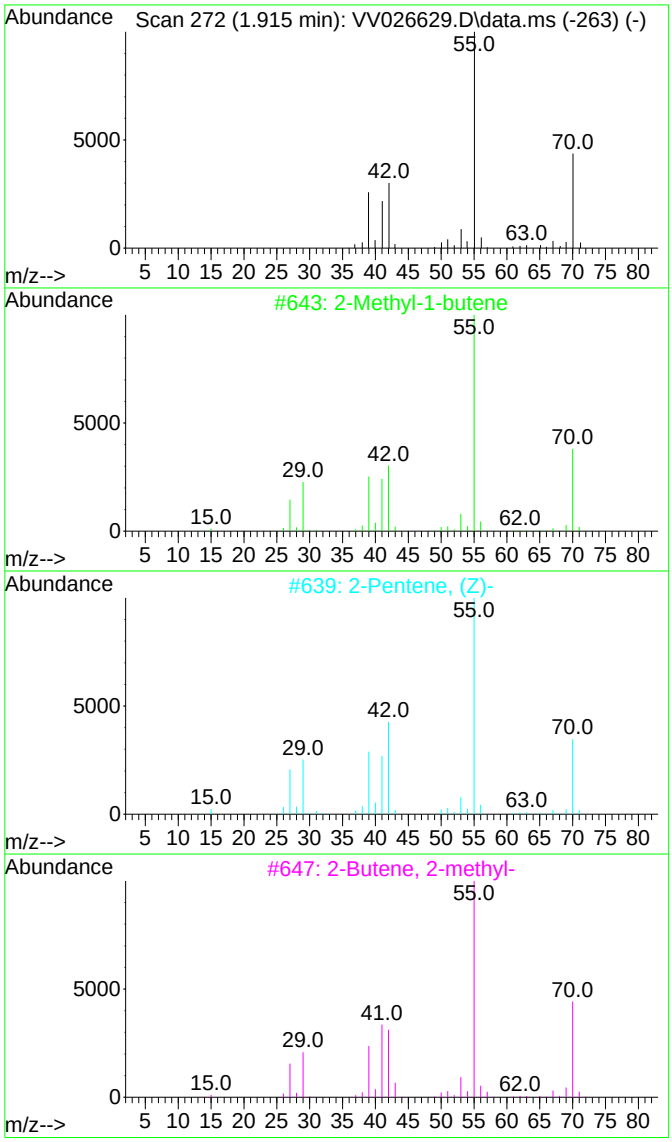
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

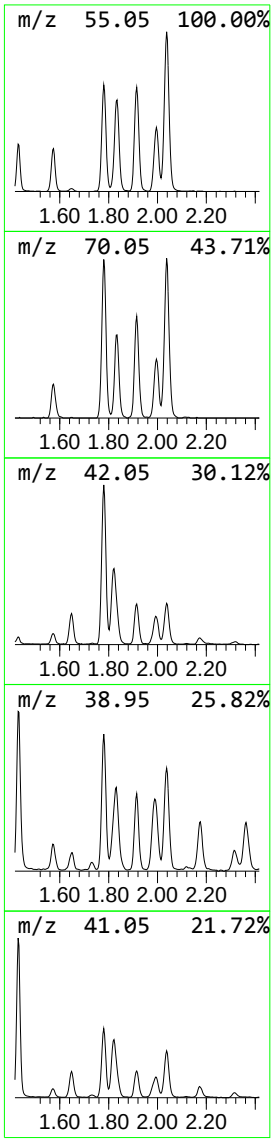
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.915	1.17 ug/L	136916	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	91
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
5	2-Pentene, (E)-	70	C5H10	000646-04-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

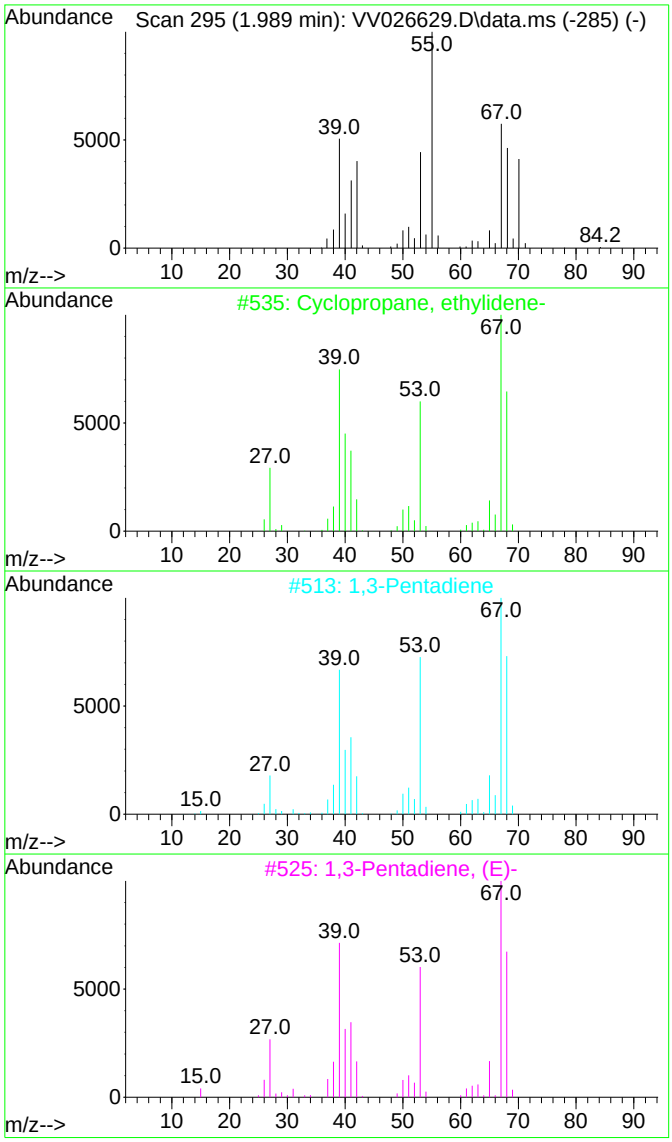
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

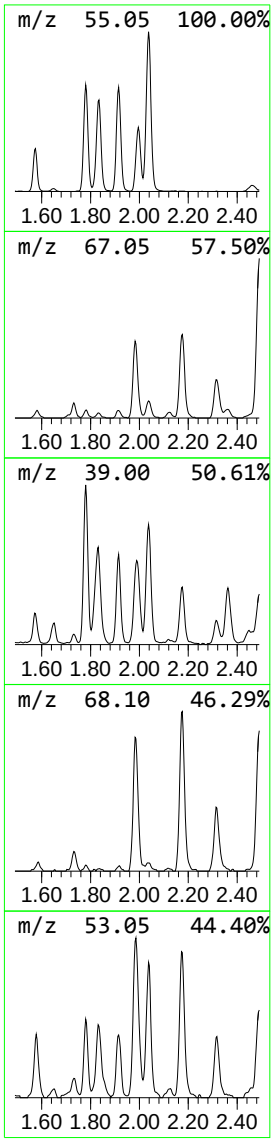
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopropane, ethylidene- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.989	1.39 ug/L	161892	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethylidene-	68	C5H8	018631-83-9	89
2	1,3-Pentadiene	68	C5H8	000504-60-9	76
3	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	68
4	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	68
5	1,3-Pentadiene	68	C5H8	000504-60-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

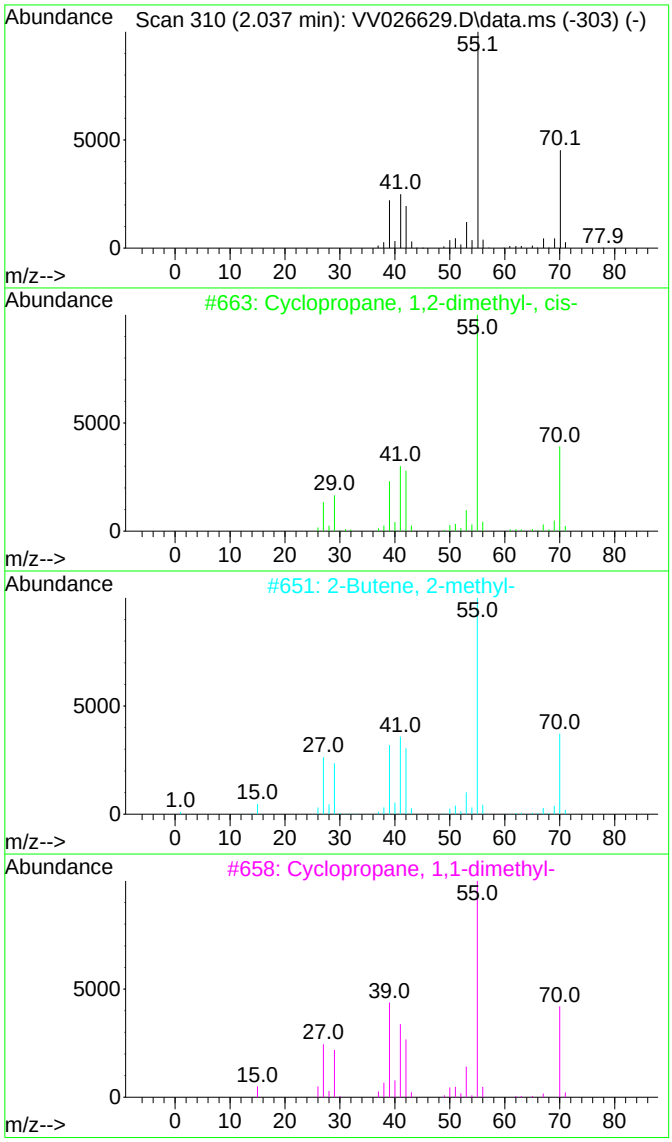
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

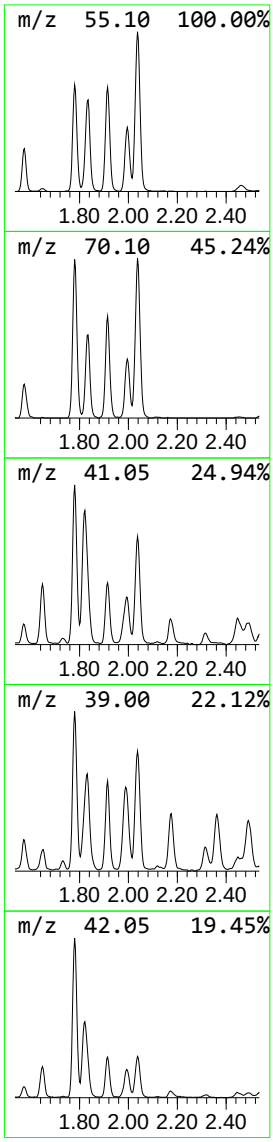
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic2.037 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.037	2.02 ug/L	235670	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
4	2-Pentene, (E)-	70	C5H10	000646-04-8	78
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

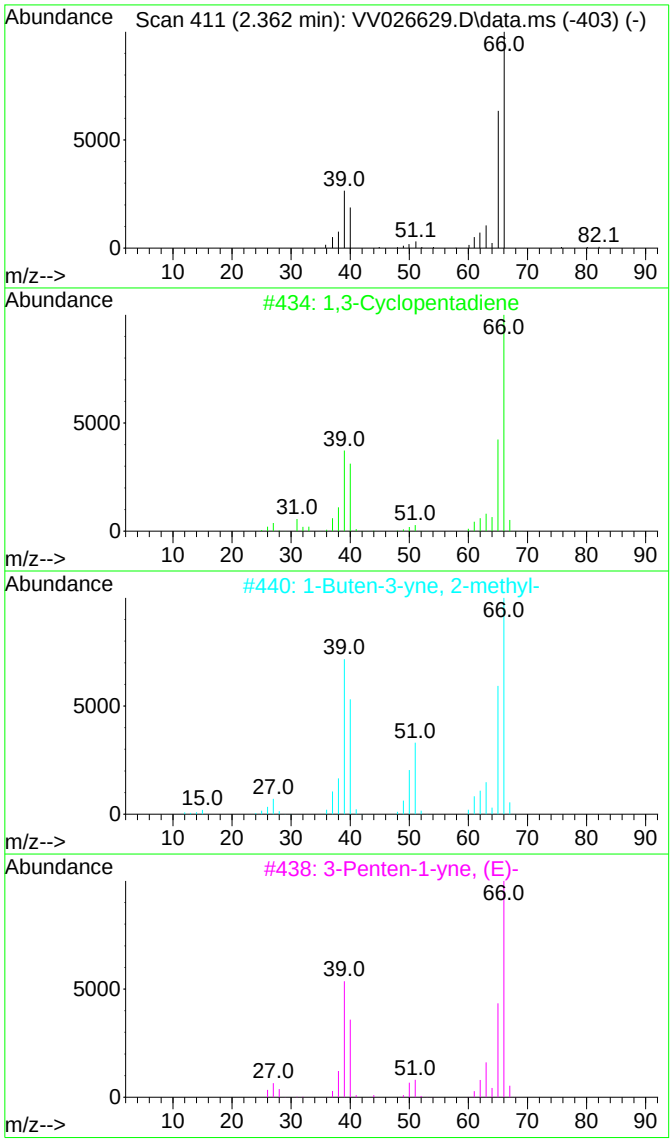
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

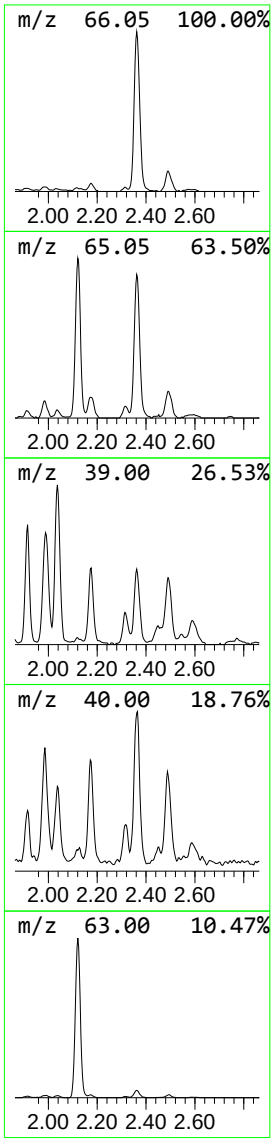
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,3-Cyclopentadiene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.362	0.83 ug/L	97350	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene	66	C5H6	000542-92-7	91
2	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	90
3	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	83
4	3-Penten-1-yne, (Z)-	66	C5H6	001574-40-9	83
5	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

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

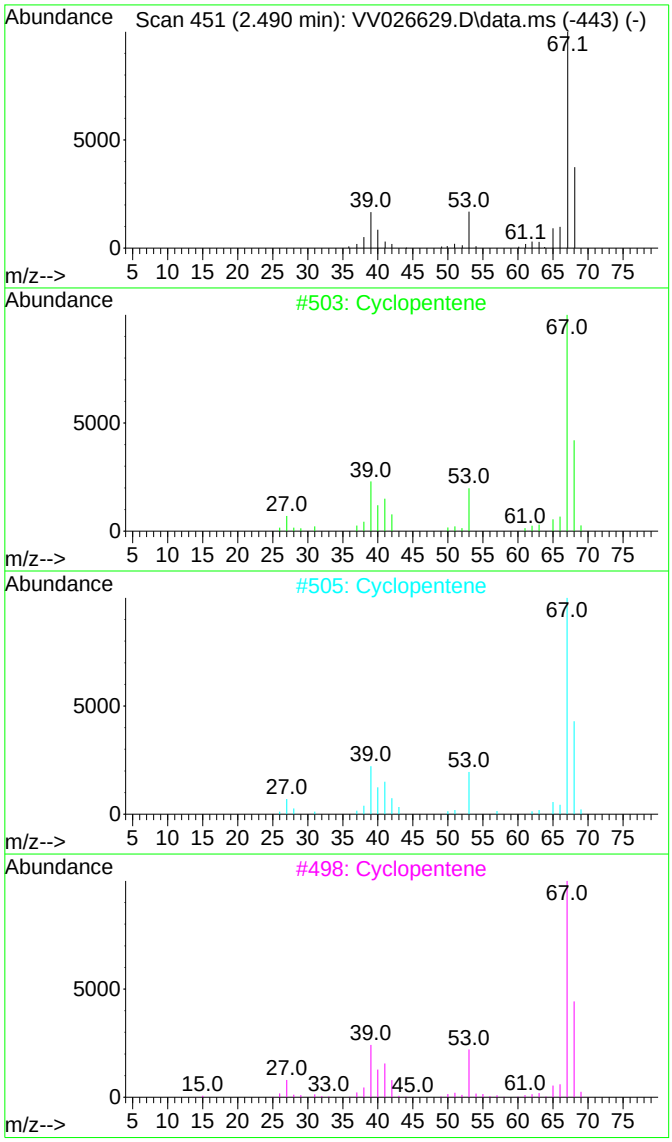
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

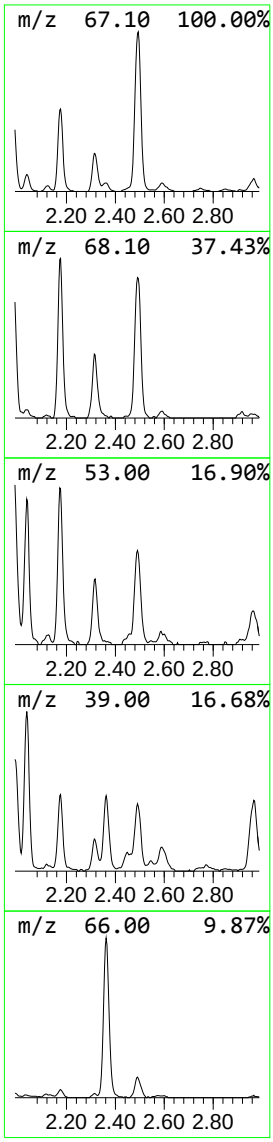
****

Peak Number 10 Cyclopentene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.490	0.80 ug/L	93969	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopentene	68	C5H8	000142-29-0	86
3	Cyclopentene	68	C5H8	000142-29-0	86
4	Cyclopentene	68	C5H8	000142-29-0	86
5	Cyclopentene	68	C5H8	000142-29-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

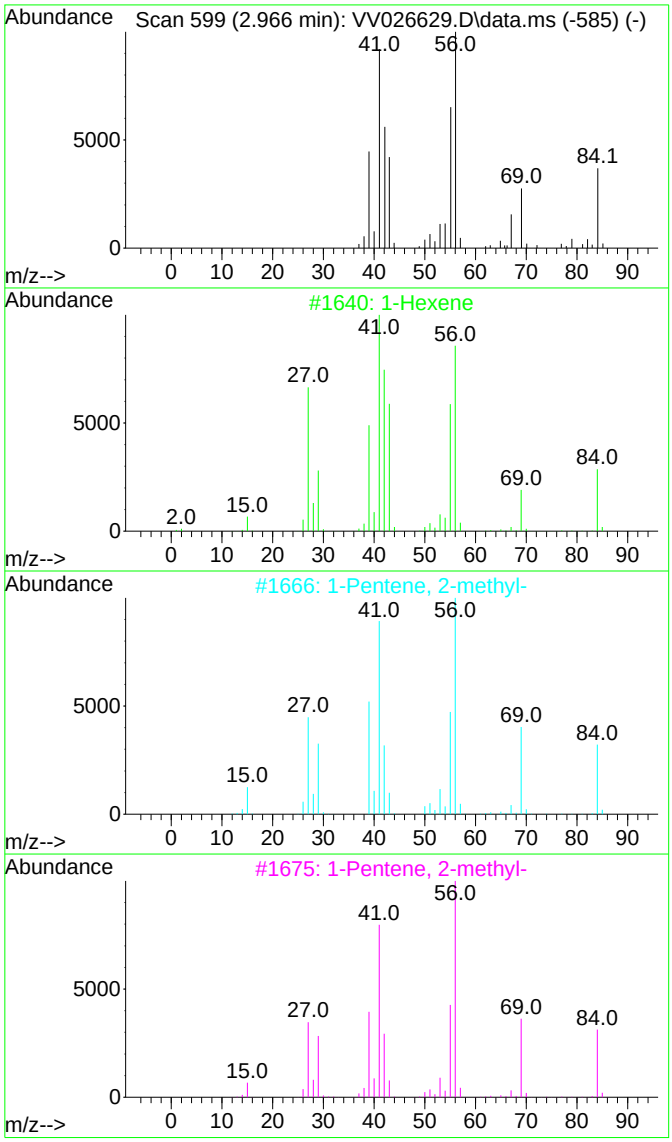
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

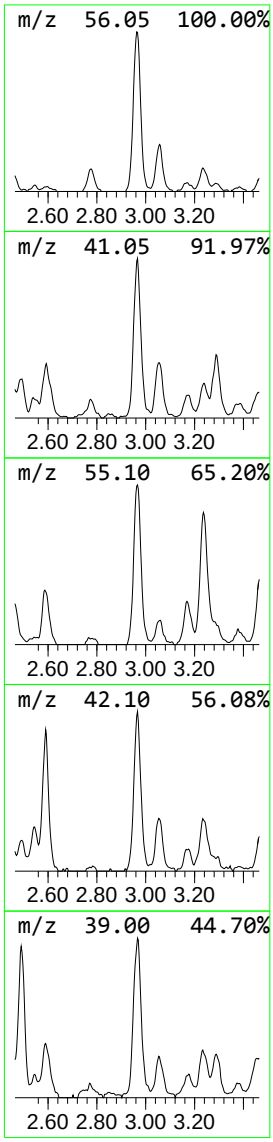
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.966	1.38 ug/L	161498	1,4-Difluorobenzene	5.625

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	80
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	74
4	1-Hexene	84	C6H12	000592-41-6	64
5	1-Hexene	84	C6H12	000592-41-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

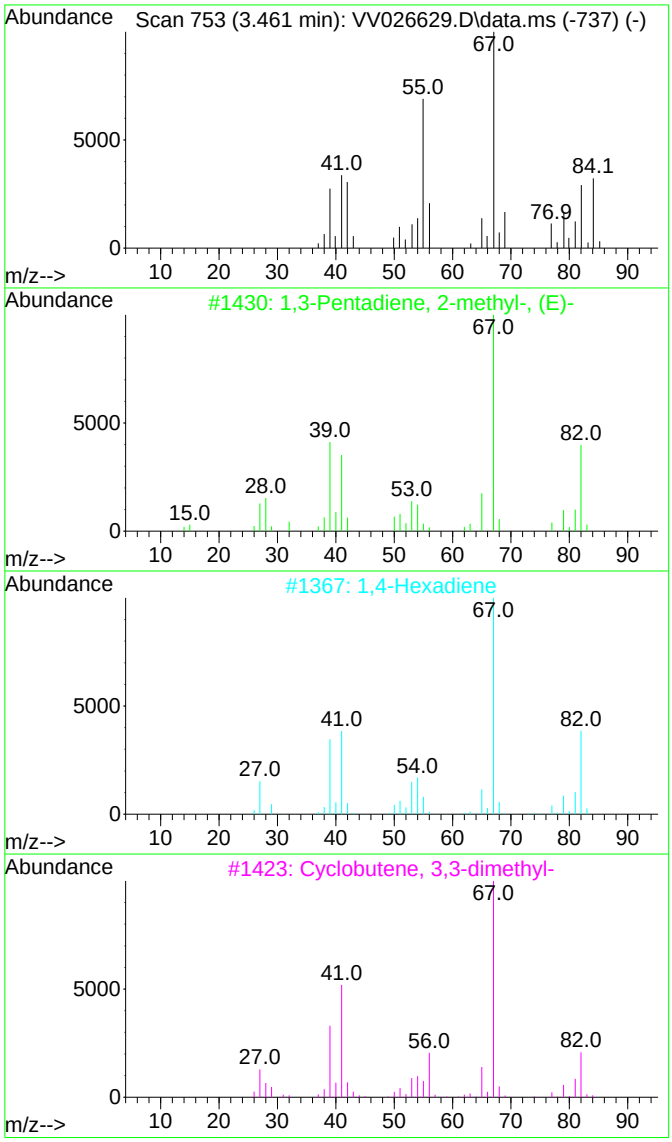
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

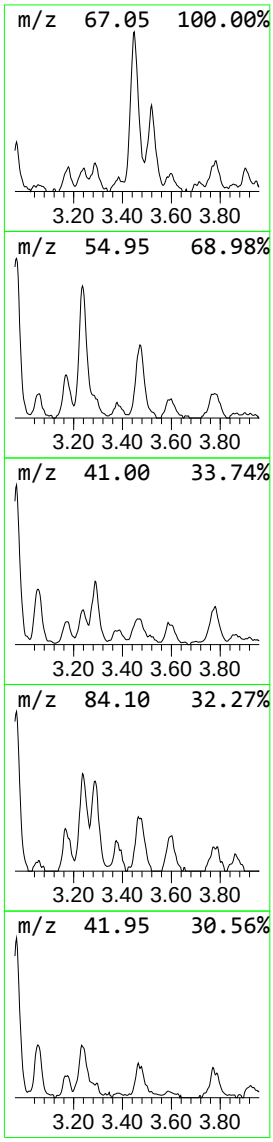
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,3-Pentadiene, 2-methyl-, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.461	0.63 ug/L	73560	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	55
2	1,4-Hexadiene	82	C6H10	000592-45-0	55
3	Cyclobutene, 3,3-dimethyl-	82	C6H10	016327-38-1	52
4	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	50
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

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

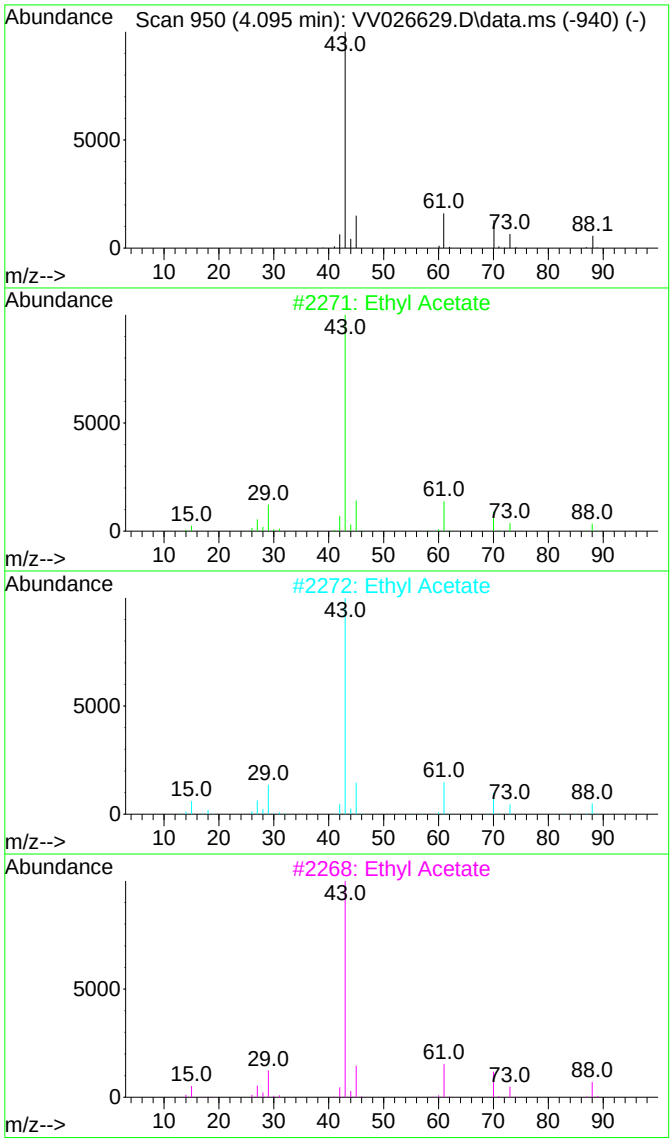
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

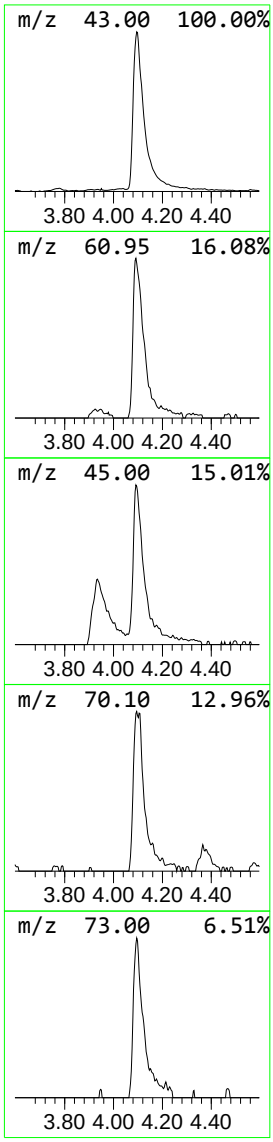
****

Peak Number 13 Ethyl Acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.095	1.44 ug/L	168089	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

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

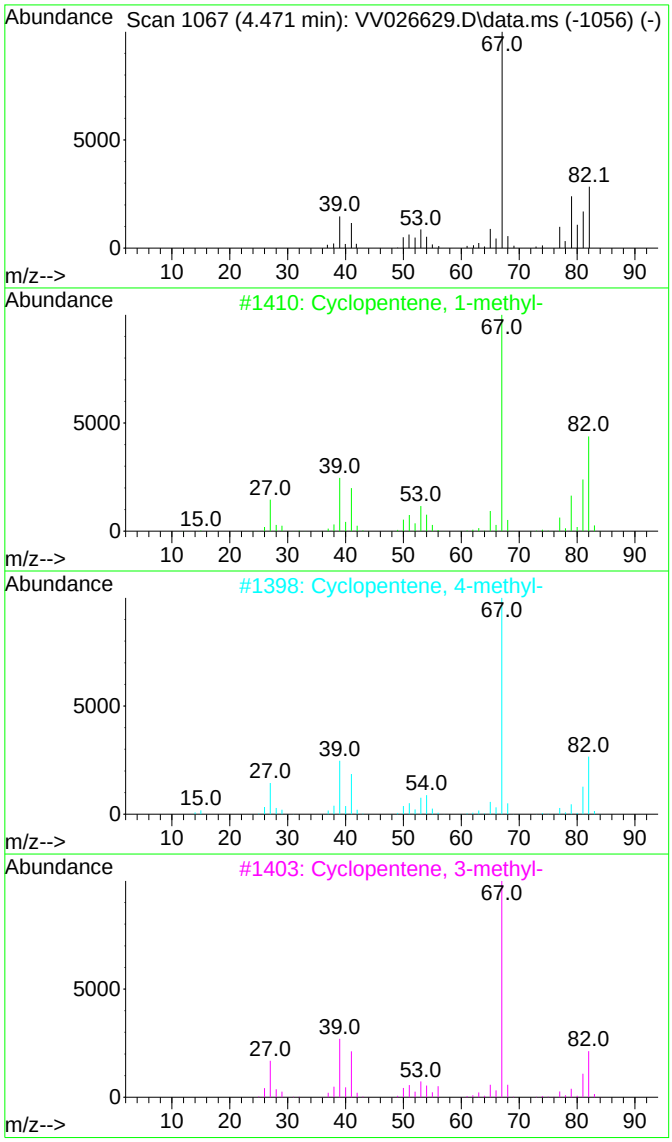
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

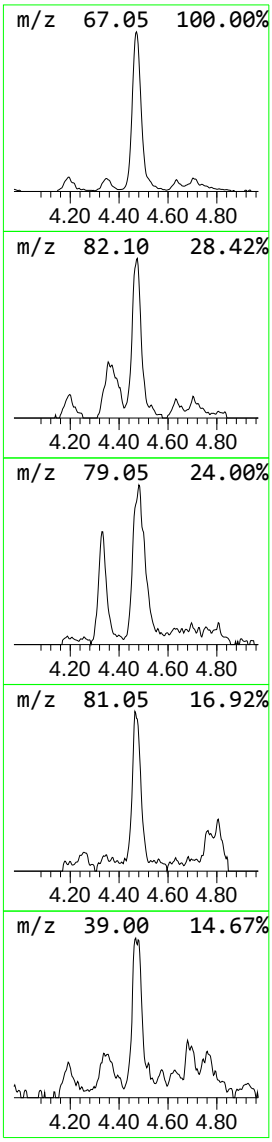
****

Peak Number 14 Cyclopentene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.471	1.22 ug/L	143138	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	76
2	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	64
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	64
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	64
5	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

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

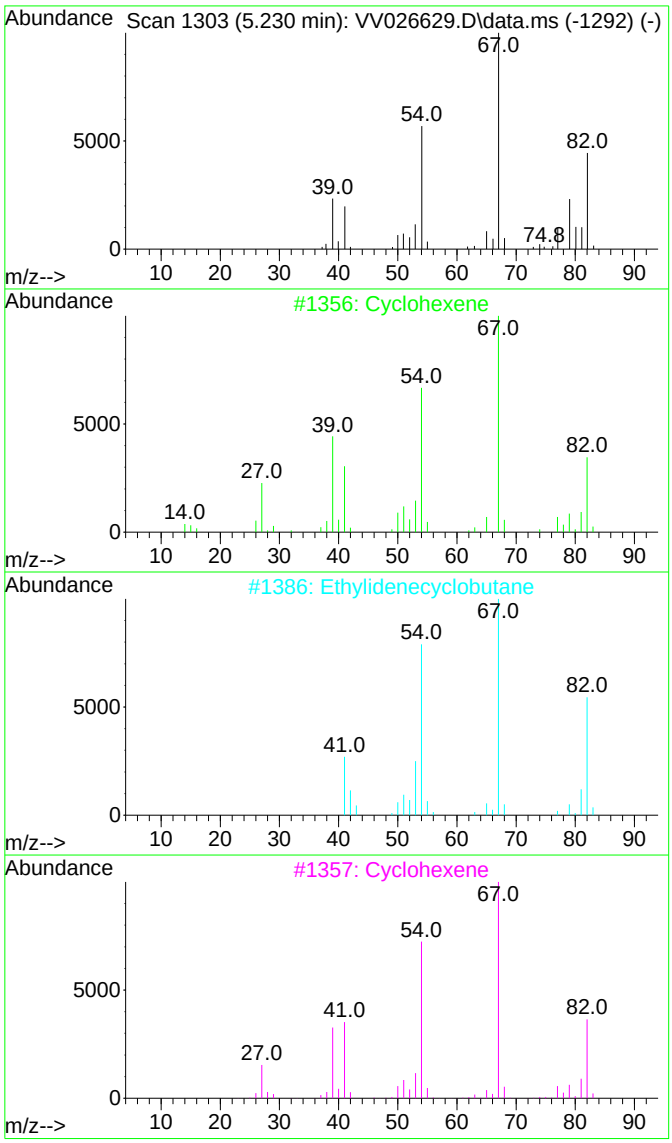
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

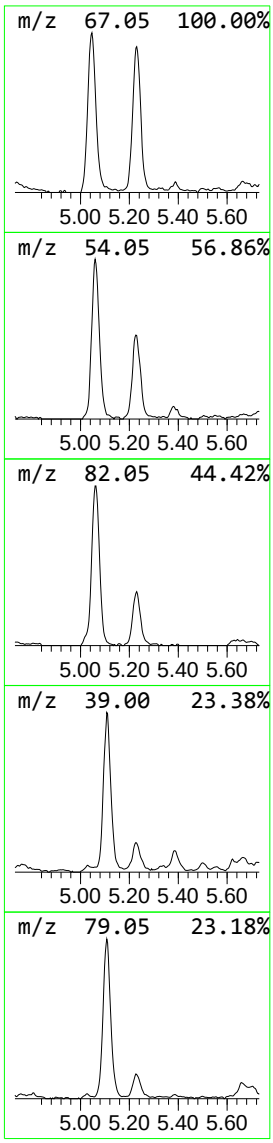
****

Peak Number 15 Ethylidenecyclobutane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.230	0.97 ug/L	113002	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	81
2	Ethylidenecyclobutane	82	C6H10	001528-21-8	74
3	Cyclohexene	82	C6H10	000110-83-8	64
4	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	64
5	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

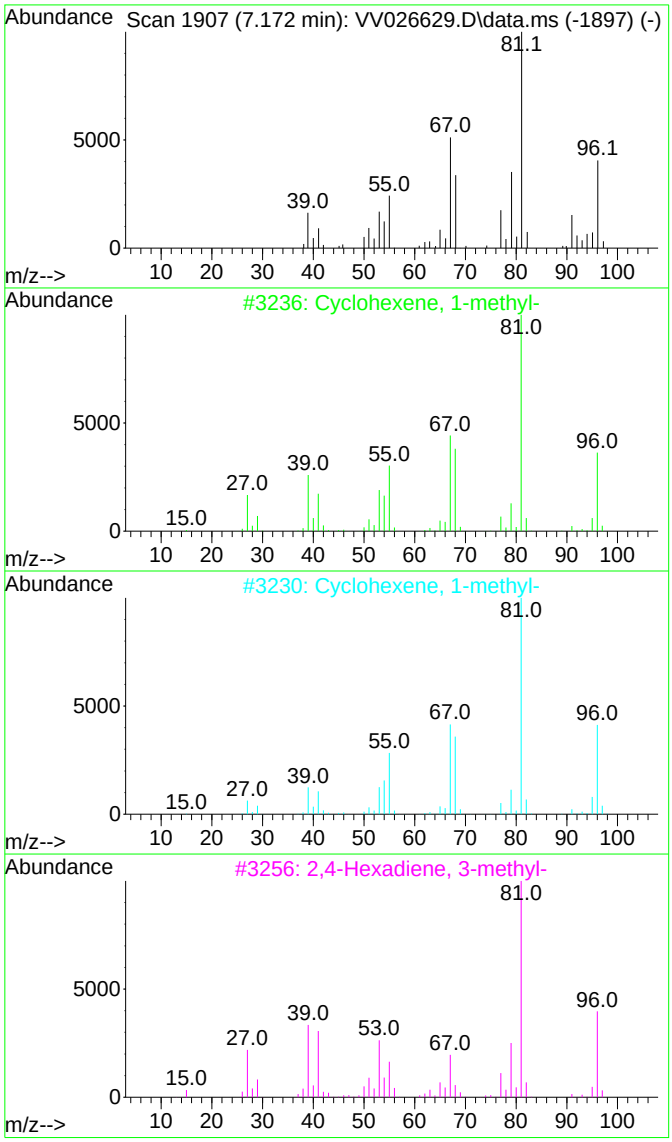
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

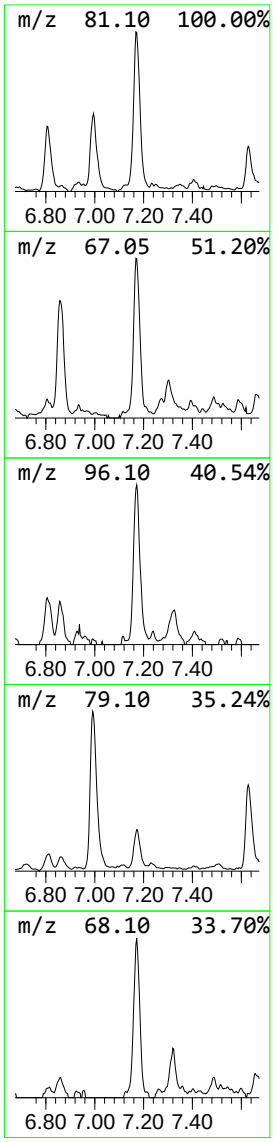
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclohexene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.172	0.92 ug/L	107105	1,4-Difluorobenzene	5.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	83
3	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	76
4	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	72
5	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

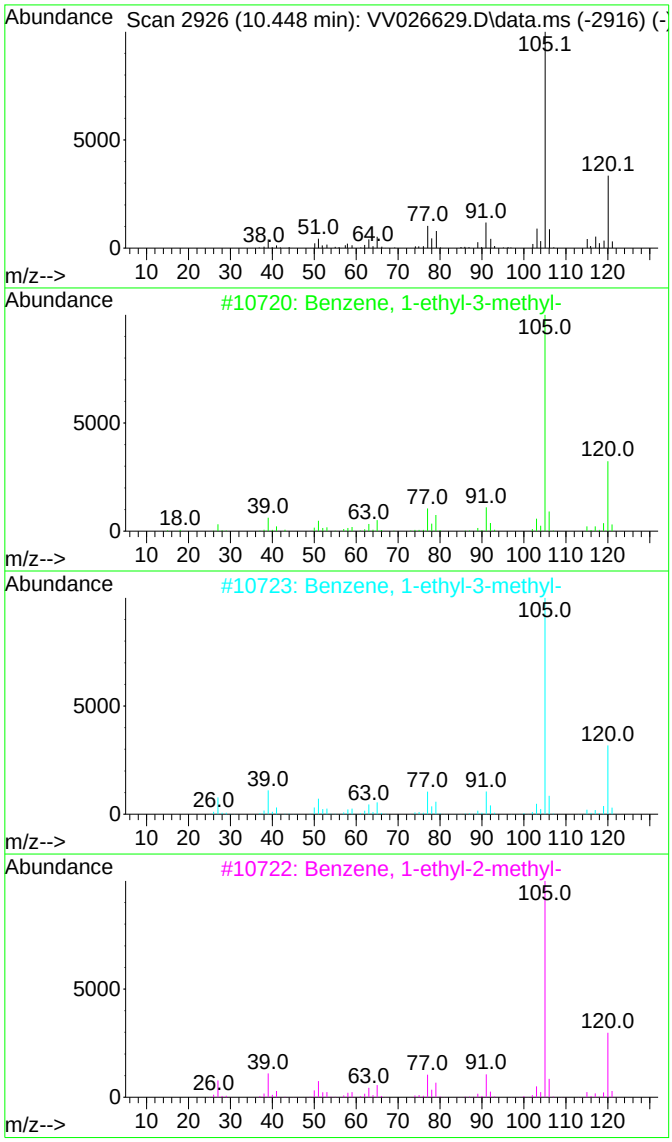
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

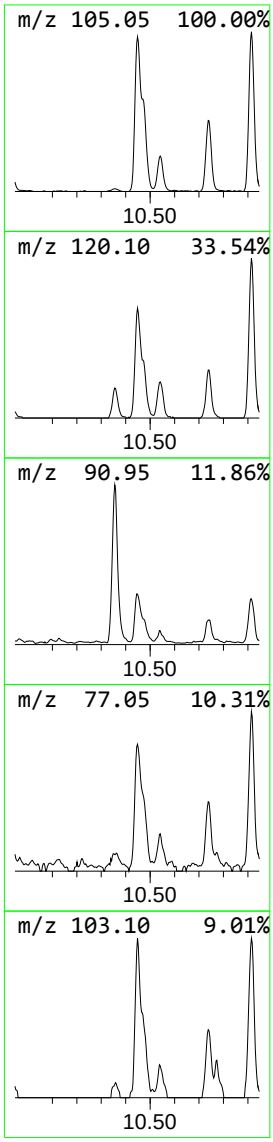
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	1.91 ug/L	212349	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

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

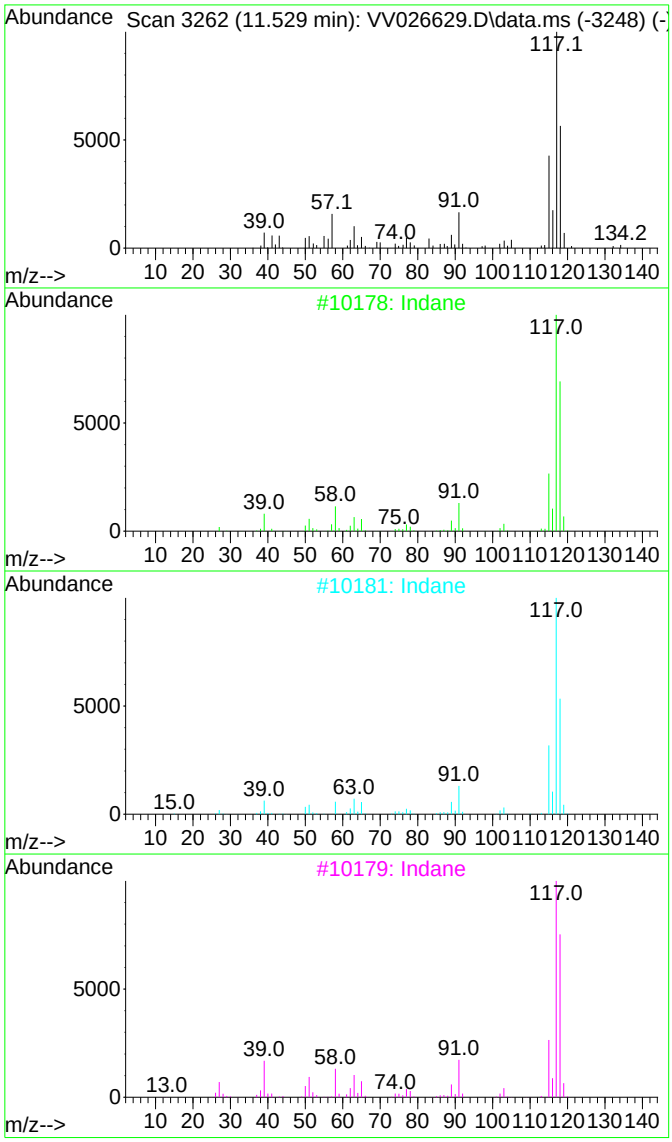
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

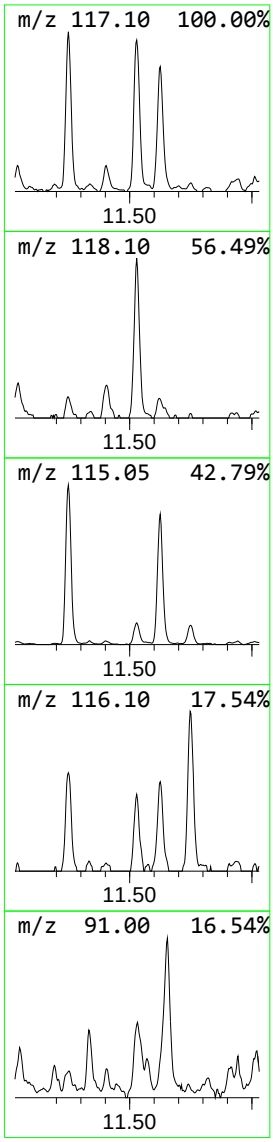
****

Peak Number 19 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	0.78 ug/L	86102	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026629.D
Acq On : 01 Jul 2022 15:04
Operator : SY/MD
Sample : N3553-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.124	9.3	ug/L	1091210	1	5.625	584282	5.0
(DEL) Alkane: S...	1.372	1.4	ug/L	167343	1	5.625	584282	5.0
(DEL) Alkane: S...	1.429	1.6	ug/L	189557	1	5.625	584282	5.0
(DEL) Alkane: C...	1.780	2.0	ug/L	227296	1	5.625	584282	5.0
(DEL) Alkane: S...	1.825	2.1	ug/L	247393	1	5.625	584282	5.0
(DEL) Alkane: S...	1.915	1.2	ug/L	136916	1	5.625	584282	5.0
Cyclopropane, e...	1.989	1.4	ug/L	161892	1	5.625	584282	5.0
(DEL) Alkane: C...	2.037	2.0	ug/L	235670	1	5.625	584282	5.0
1,3-Cyclopentad...	2.362	0.8	ug/L	97350	1	5.625	584282	5.0
Cyclopentene	2.490	0.8	ug/L	93969	1	5.625	584282	5.0
(DEL) Alkane: S...	2.966	1.4	ug/L	161498	1	5.625	584282	5.0
1,3-Pentadiene,...	3.461	0.6	ug/L	73560	1	5.625	584282	5.0
Ethyl Acetate	4.095	1.4	ug/L	168089	1	5.625	584282	5.0
Cyclopentene, 1...	4.471	1.2	ug/L	143138	1	5.625	584282	5.0
Ethylidenecyclo...	5.230	1.0	ug/L	113002	1	5.625	584282	5.0
Cyclohexene, 1-...	7.172	0.9	ug/L	107105	1	5.625	584282	5.0
Benzene, 1-ethy...	10.448	1.9	ug/L	212349	3	11.249	554817	5.0
Indane	11.529	0.8	ug/L	86102	3	11.249	554817	5.0