LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

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\SFAMVTR092923WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV032512.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	67	74	85	rBV	72555	77097	3.20%	0.620%
2	1.532	145	153	164	rBV	50471	59716	2.48%	0.480%
3	1.597	164	173	184	rBV	139474	175446	7.28%	1.411%
4	1.722	202	212	218	rBV4	18501	32092	1.33%	0.258%
5	1.764	218	225	243	rVB	90233	122672	5.09%	0.986%
6	1.857	246	254	271	rBV	38118	58762	2.44%	0.473%
7	1.937	272	279	285	rVV	20661	27700	1.15%	0.223%
8	1.979	285	292	302	rVB	38931	56016	2.32%	0.450%
9	2.060	308	317	337	rVB	80355	129846	5.39%	1.044%
10	2.468	422	444	451	rBV3	30648	93444	3.88%	0.751%
11	2.516	452	459	477	rVB	44221	86392	3.58%	0.695%
12	2.696	504	515	531	rVB2	24070	50375	2.09%	0.405%
13	2.966	588	599	616	rBV3	16847	34538	1.43%	0.278%
14	3.670	803	818	834	rBV	52303	132992	5.52%	1.069%
15	3.806	851	860	891	rBV	39903	125389	5.20%	1.008%
16	4.252	983	999	1020	rBV2	54135	146713	6.09%	1.180%
17	4.371	1025	1036	1055	rVB5	10988	31206	1.29%	0.251%
18	4.584	1087	1102	1116	rBV4	29950	76504	3.17%	0.615%
19	4.960	1204	1219	1238	rBV2	130819	339785	14.10%	2.732%
20	5.133	1266	1273	1291	rVB8	8979	24230	1.01%	0.195%
21	5.539	1388	1399	1415	rBV	103059	226219	9.39%	1.819%
22	5.992	1525	1540	1552	rBV2	77870	171398	7.11%	1.378%
23	6.918	1815	1828	1851	rBV2	34474	75428	3.13%	0.607%
24	7.246	1919	1930	1941	rBV	139273	259848	10.78%	2.089%
25	7.317	1941	1952	1983	rVB	1304946	2410244	100.00%	19.381%
26	7.558	2019	2027	2044	rBV	20273	38286	1.59%	0.308%
27	8.030	2163	2174	2204	rBV	203779	424914	17.63%	3.417%
28	8.789	2397	2410	2429	rBV	174386	314914	13.07%	2.532%
29	8.950	2447	2460	2484	rBV	486289	802681	33.30%	6.454%
30	9.072	2486	2498	2526	rVV	1441585	2362384	98.01%	18.996%
31	9.481	2612	2625	2655	rBV	559761	899056	37.30%	7.229%
32	9.873	2736	2747	2760	rBV	21387	35419	1.47%	0.285%
33	10.156	2824	2835	2854	rBV	65201	108086	4.48%	0.869%
34	10.294	2867	2878	2889	rBV	48004	77756	3.23%	0.625%
35	10.387	2897	2907	2927	rBV	161392	359638	14.92%	2.892%
36	10.480	2927	2936	2951	rVB	77470	120547	5.00%	0.969%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

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\SFAMVTR092923WMA.M
Title : TRACE VOA SFAM1.0

37	10.677	2985	2997	3010	rBV	80822	134147	5.57%	1.079%
38	10.853	3041	3052	3069	rBV	323843	492135	20.42%	3.957%
39	11.188	3146	3156	3172	rBV	209897	332472	13.79%	2.673%
40	11.275	3172	3183	3198	rVB	83860	132893	5.51%	1.069%
41	11.468	3231	3243	3254	rBV	116596	192745	8.00%	1.550%
42	11.564	3264	3273	3296	rVB2	175278	315666	13.10%	2.538%
43	11.960	3386	3396	3403	rBV	20260	33714	1.40%	0.271%
44	12.056	3417	3426	3448	rVB2	19919	35217	1.46%	0.283%
45	12.406	3527	3535	3550	rVB	17671	28028	1.16%	0.225%
46	12.667	3607	3616	3626	rBV3	18461	26104	1.08%	0.210%
47	12.824	3649	3665	3676	rBV3	35676	58927	2.44%	0.474%
48	13.442	3845	3857	3871	rBV	52242	86430	3.59%	0.695%

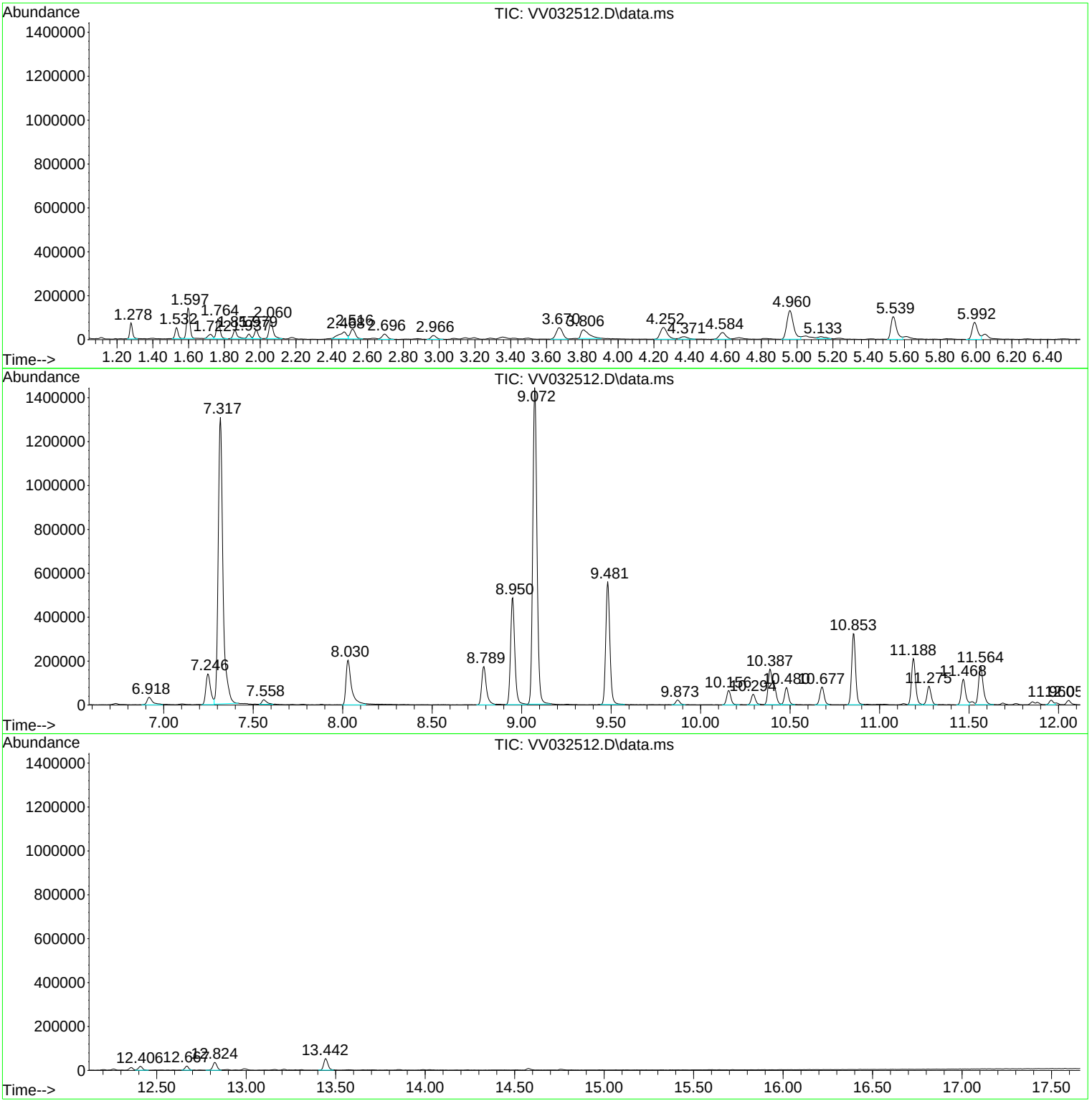
Sum of corrected areas: 12436211

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.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\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

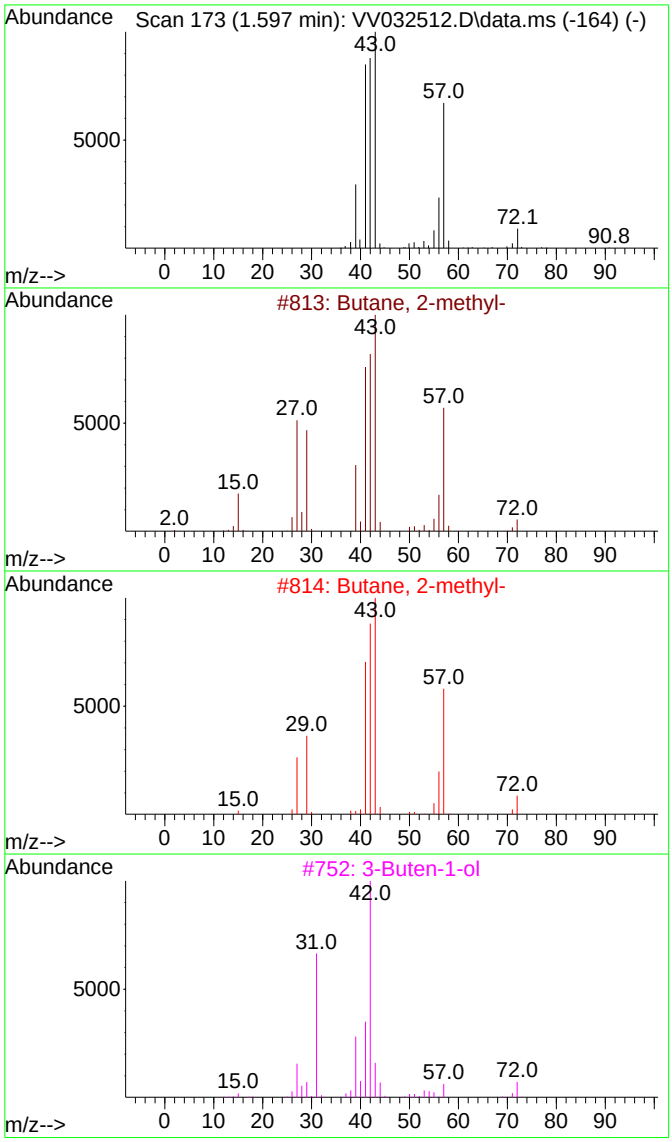
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

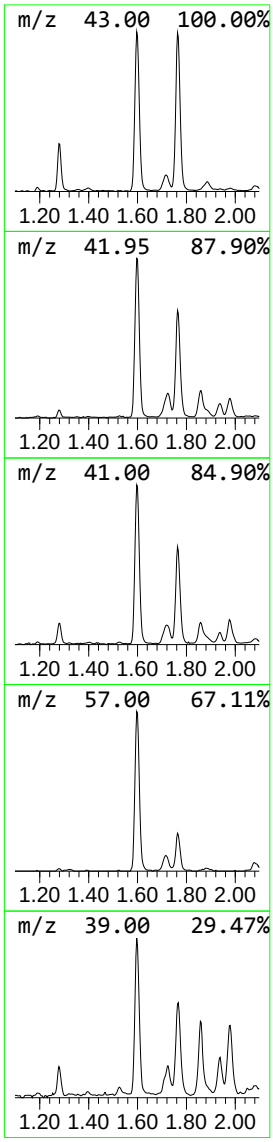
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.597	3.88 ug/L	175446	1,4-Difluorobenzene	5.539

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	86
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	Pentane	72	C5H12	000109-66-0	33
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

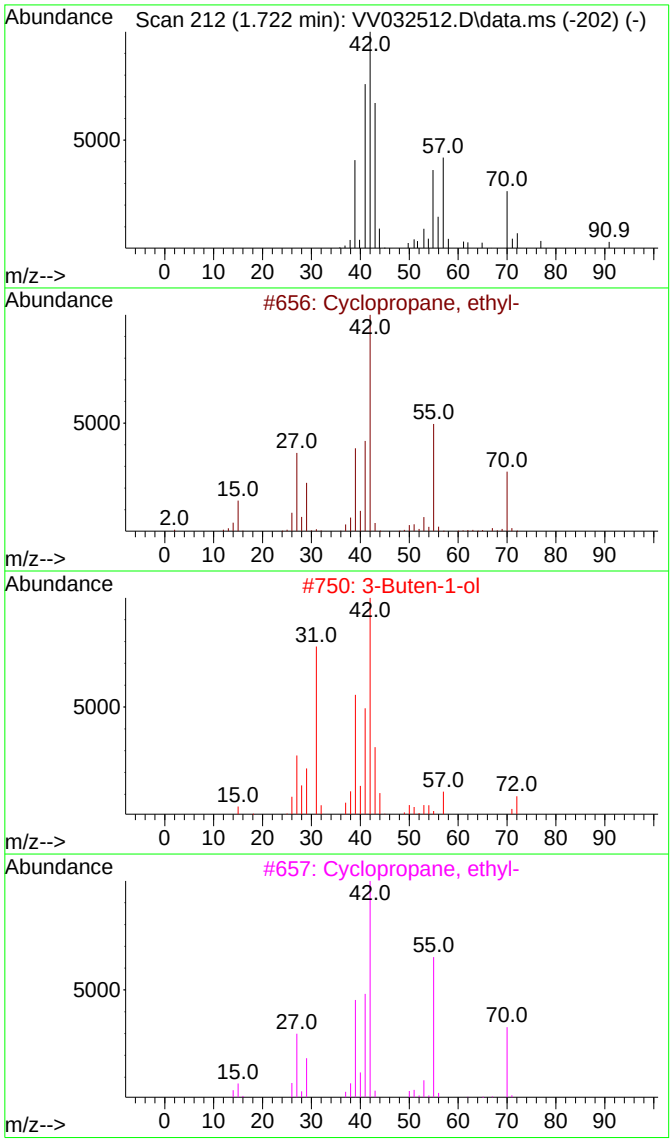
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

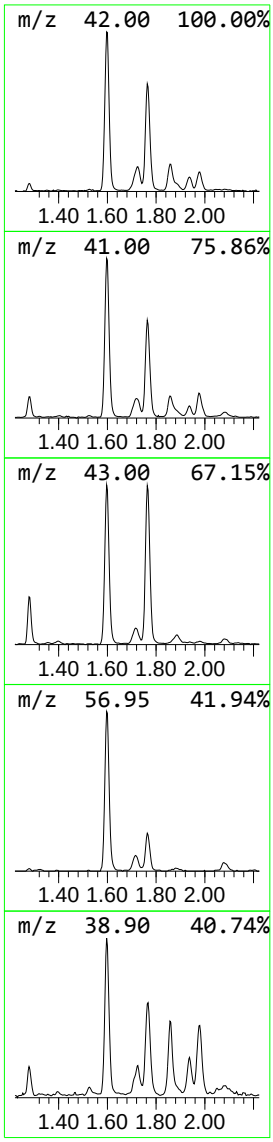
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic1.722 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.722	0.71 ug/L	32092	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	53
2	3-Buten-1-ol	72	C4H8O	000627-27-0	53
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	45
4	3-Buten-1-ol	72	C4H8O	000627-27-0	42
5	1,6-Hexanediol	118	C6H14O2	000629-11-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

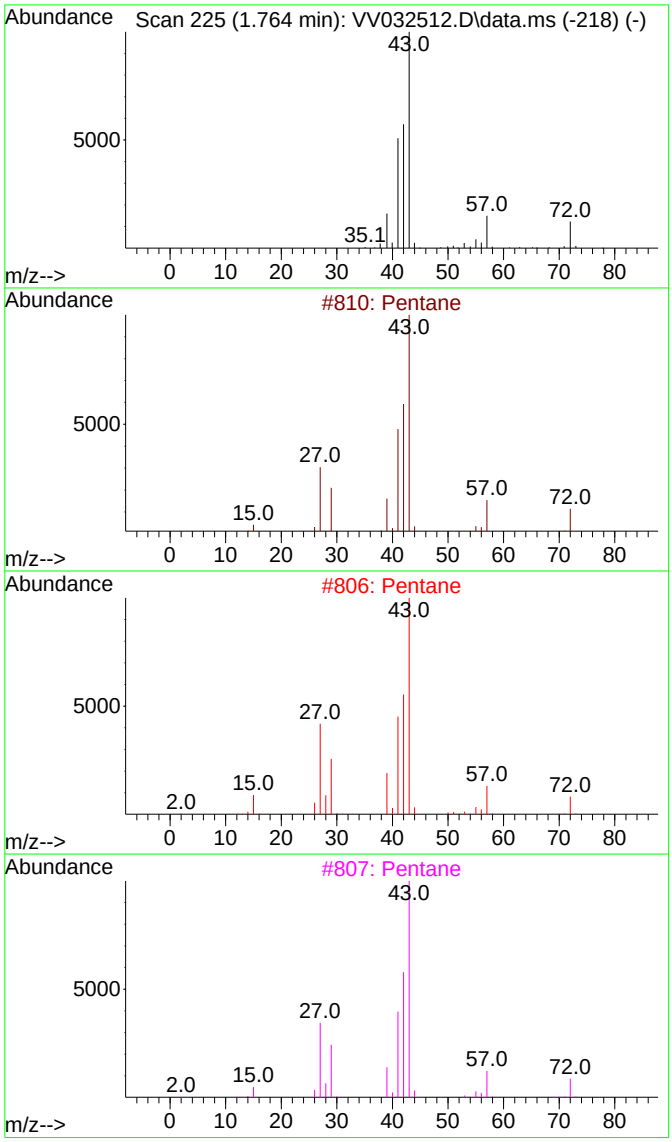
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

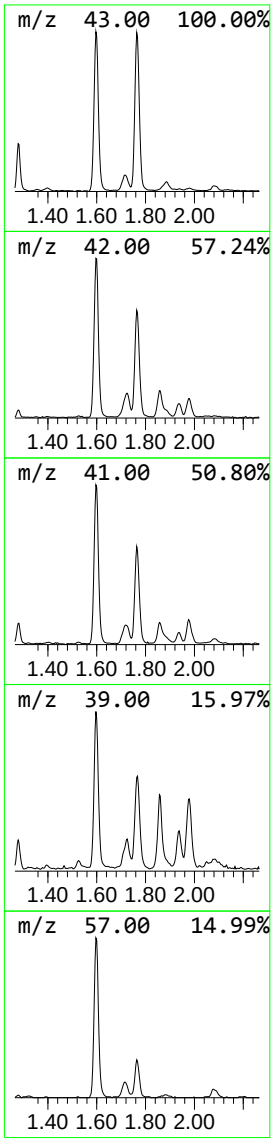
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.764	2.71 ug/L	122672	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	72
5	Pentane	72	C5H12	000109-66-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

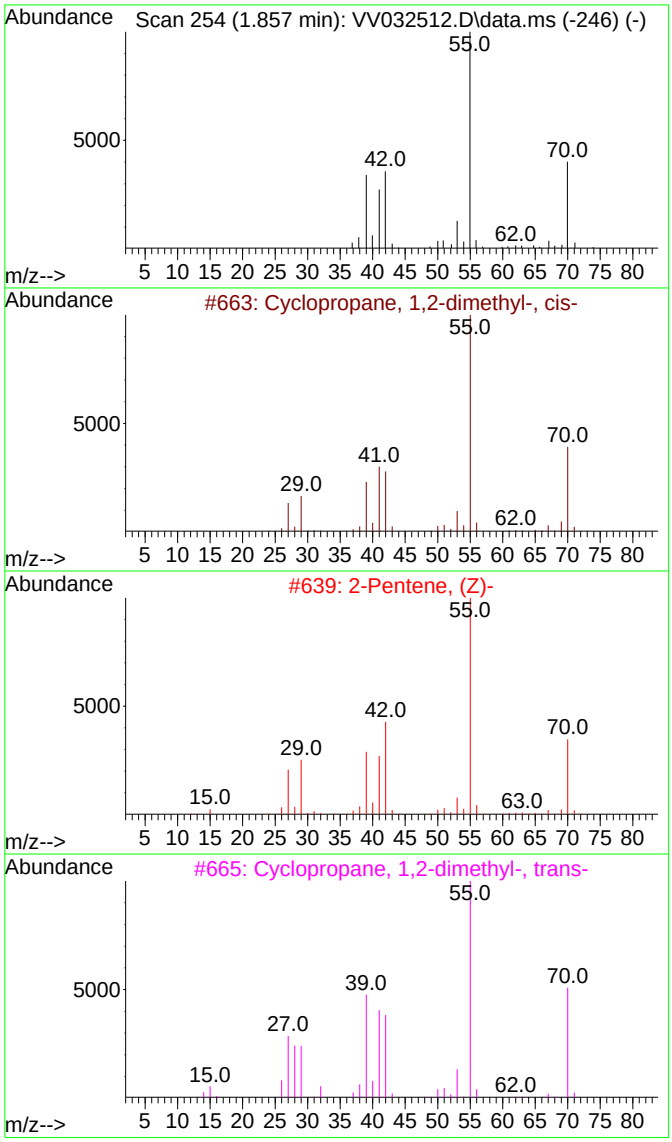
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

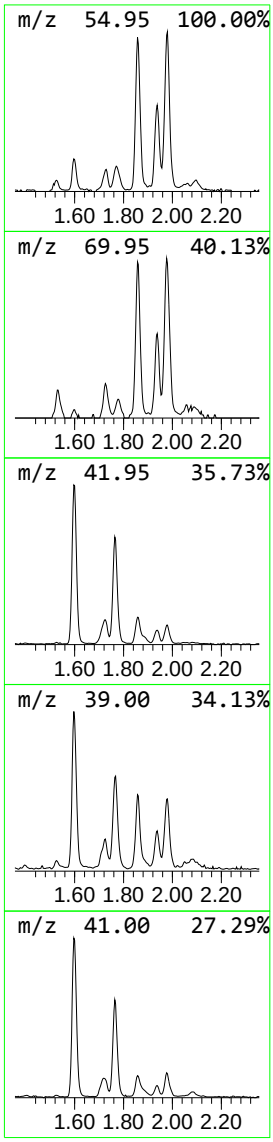
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic1.857 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.857	1.30 ug/L	58762	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
5	2-Pentene	70	C5H10	000109-68-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

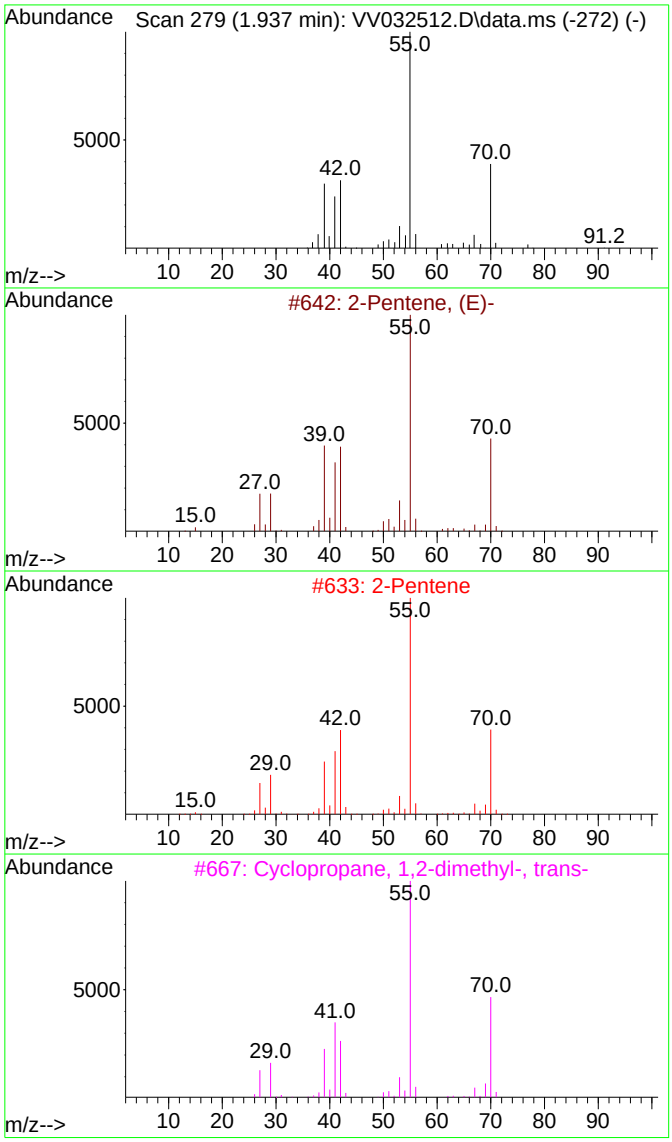
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

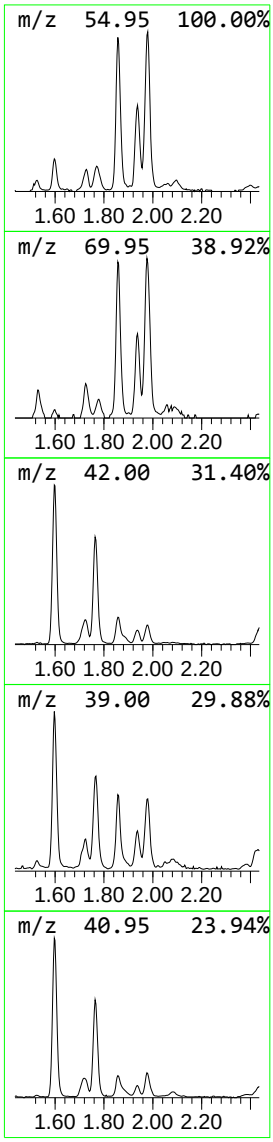
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.937	0.61 ug/L	27700	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	87
2	2-Pentene	70	C5H10	000109-68-2	86
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	86
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	86
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

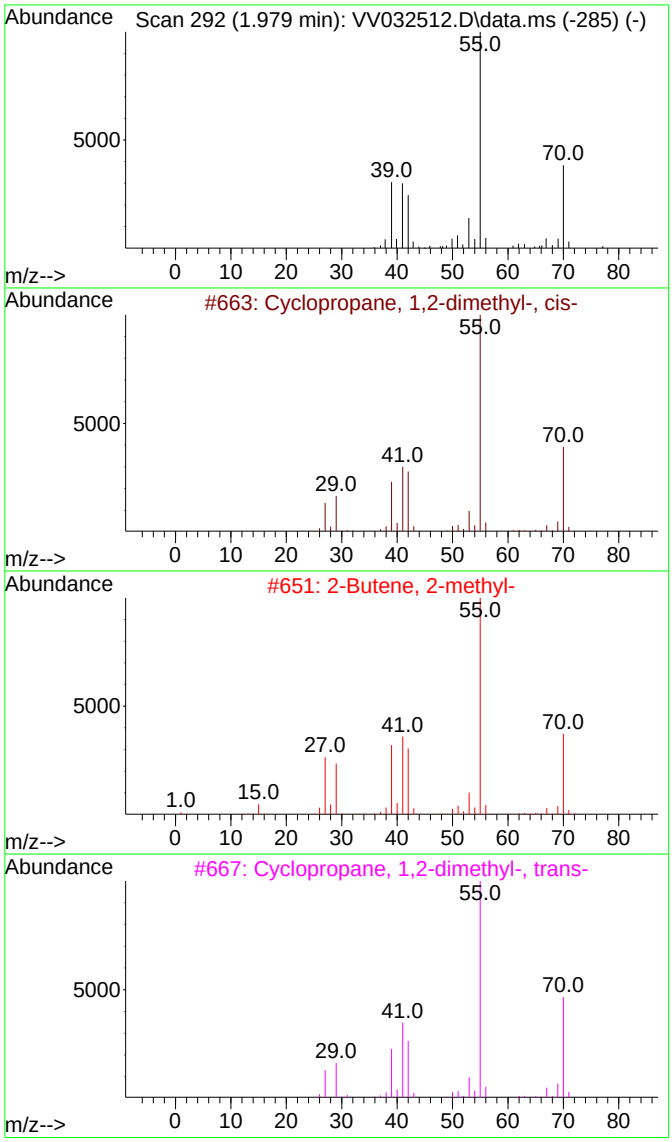
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

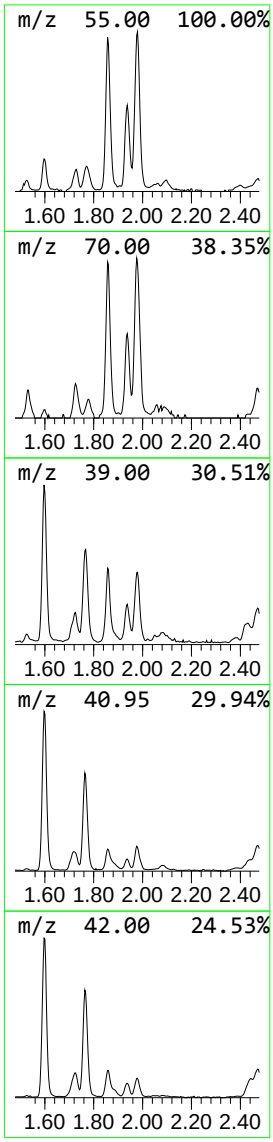
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic1.979 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.979	1.24 ug/L	56016	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

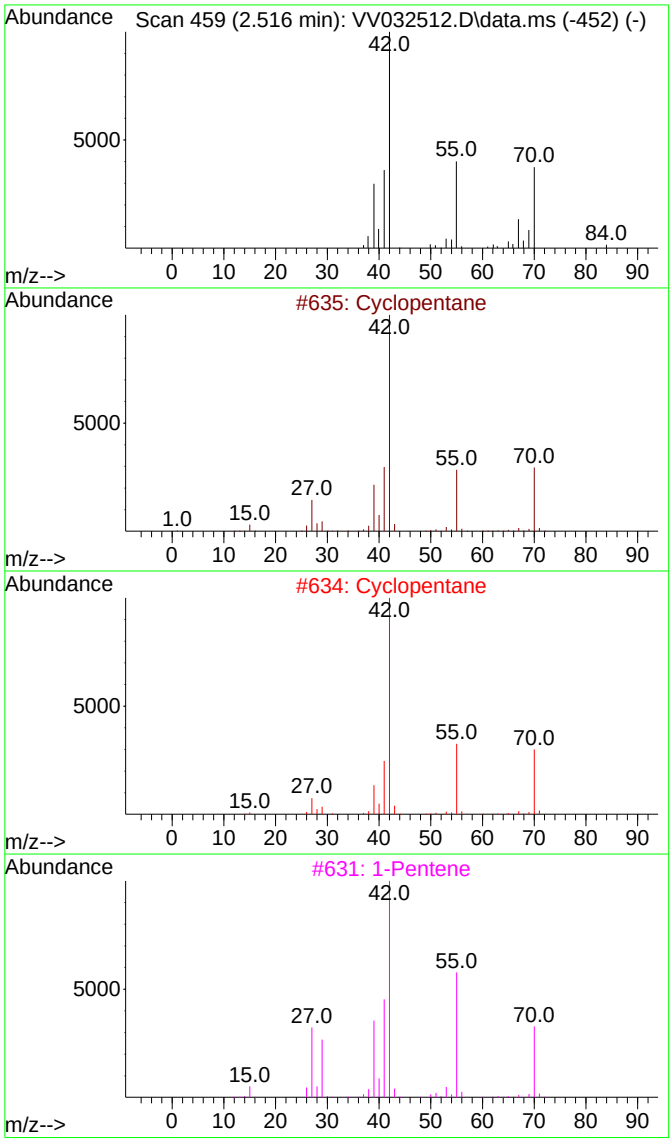
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

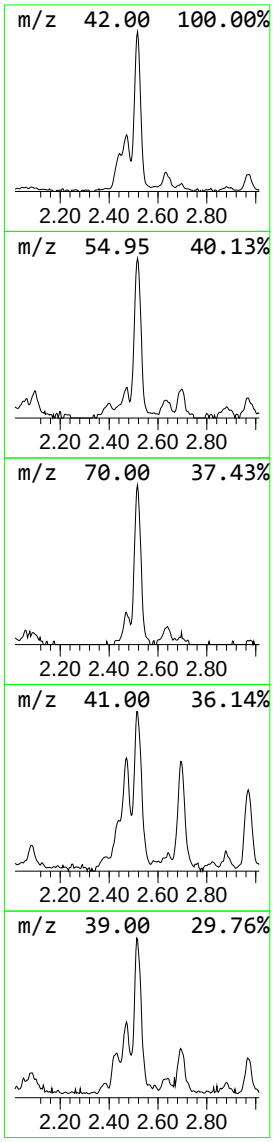
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic2.516 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.516	1.91 ug/L	86392	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	64
2	Cyclopentane	70	C5H10	000287-92-3	50
3	1-Pentene	70	C5H10	000109-67-1	45
4	1-Pentene	70	C5H10	000109-67-1	45
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

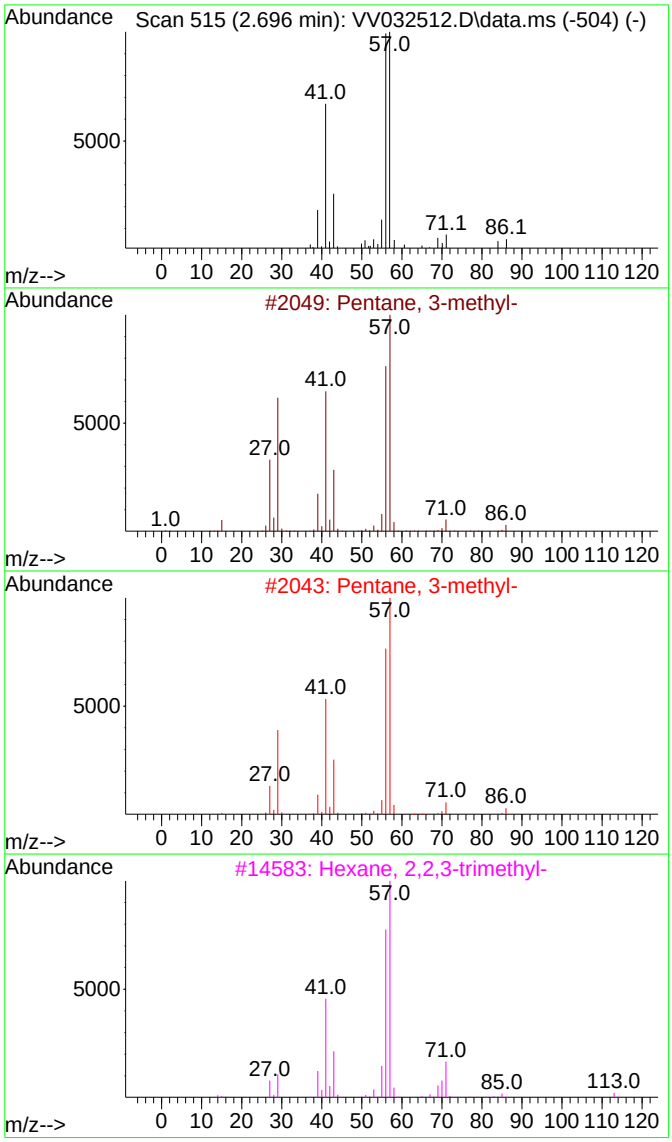
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

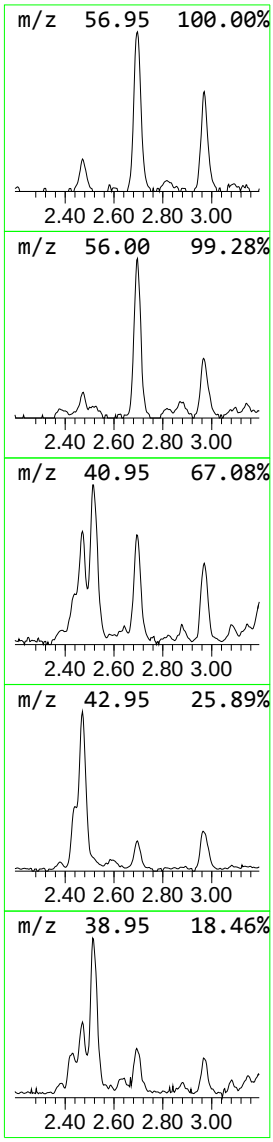
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.696	1.11 ug/L	50375	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

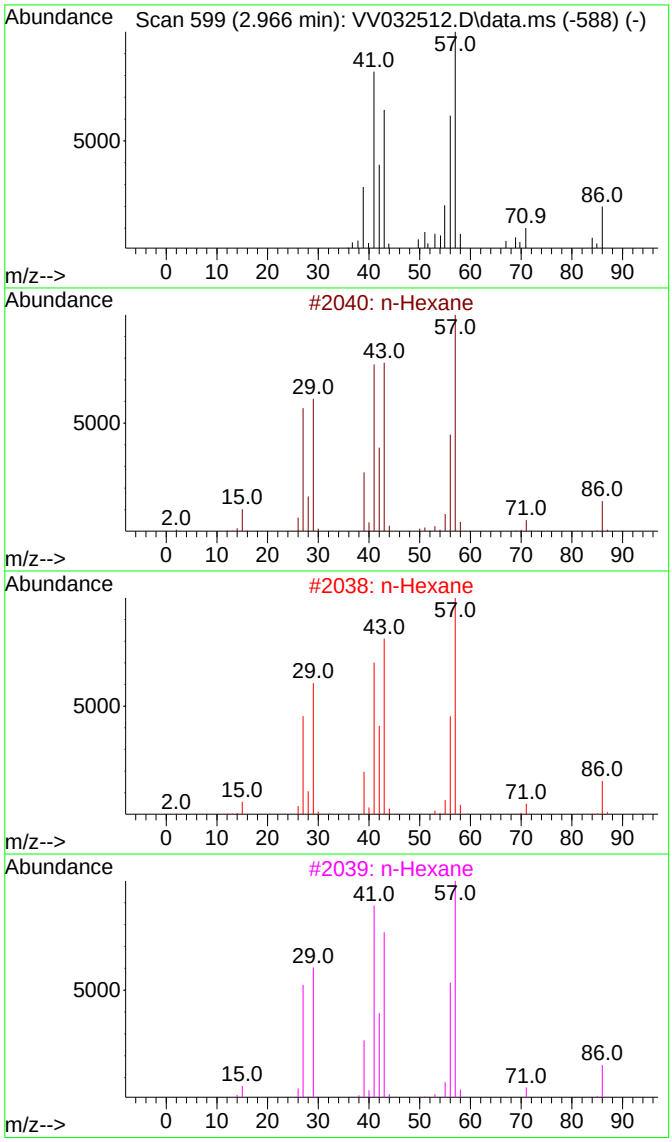
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

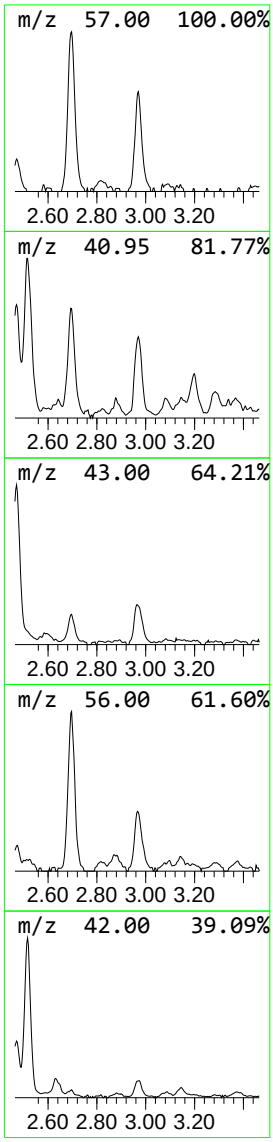
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.966	0.76 ug/L	34538	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	80
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	59
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	53
5	Pent-4-enylamine	85	C5H11N	022537-07-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

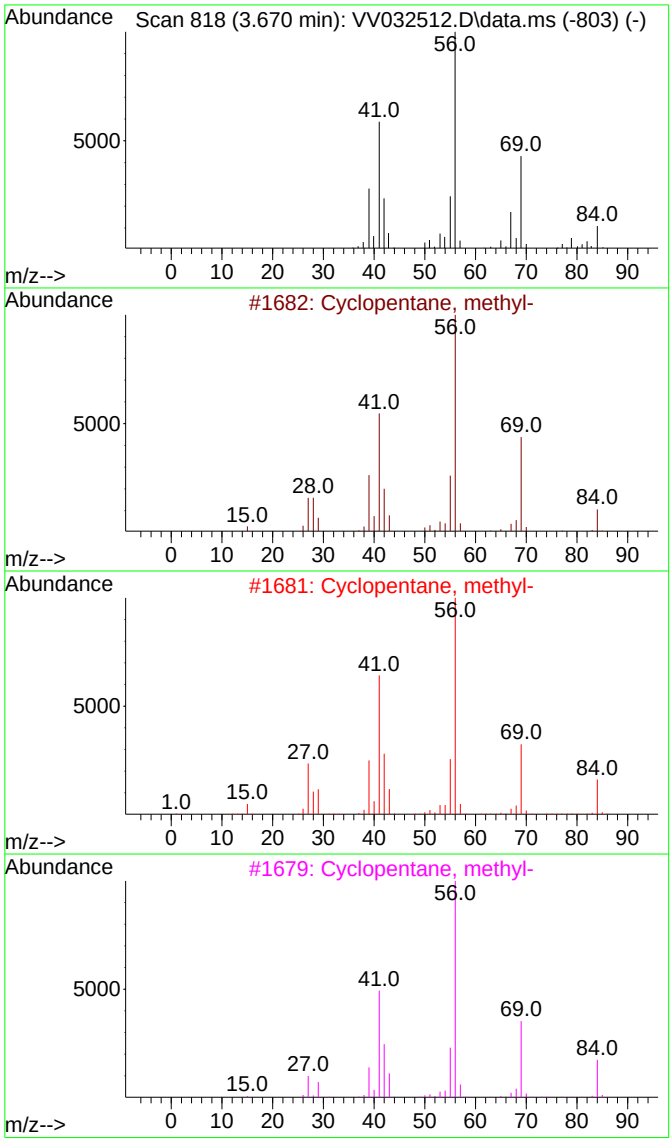
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

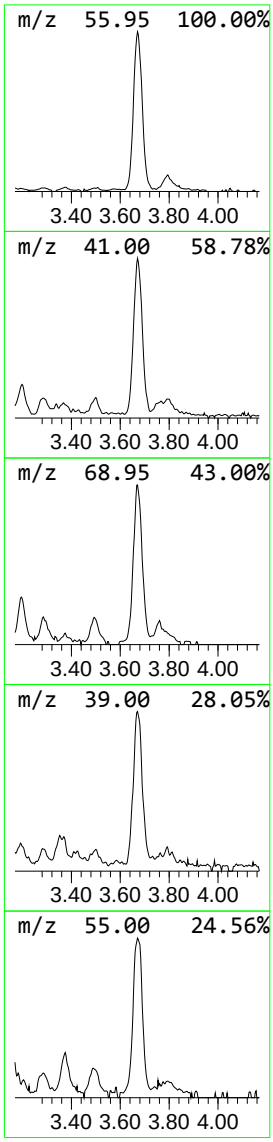
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic3.670 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.670	2.94 ug/L	132992	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

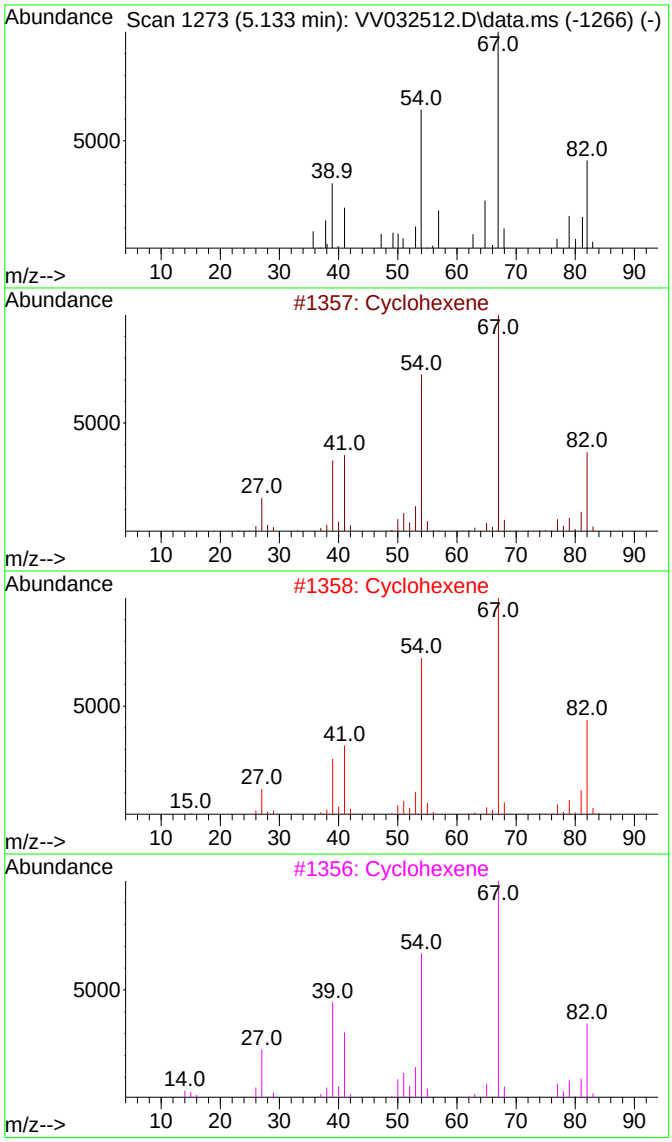
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

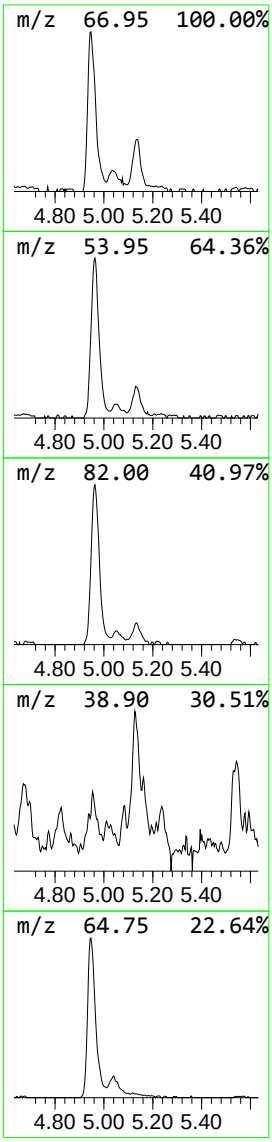
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.133	0.54 ug/L	24230	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	72
2	Cyclohexene	82	C6H10	000110-83-8	72
3	Cyclohexene	82	C6H10	000110-83-8	64
4	Ethylidenecyclobutane	82	C6H10	001528-21-8	64
5	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

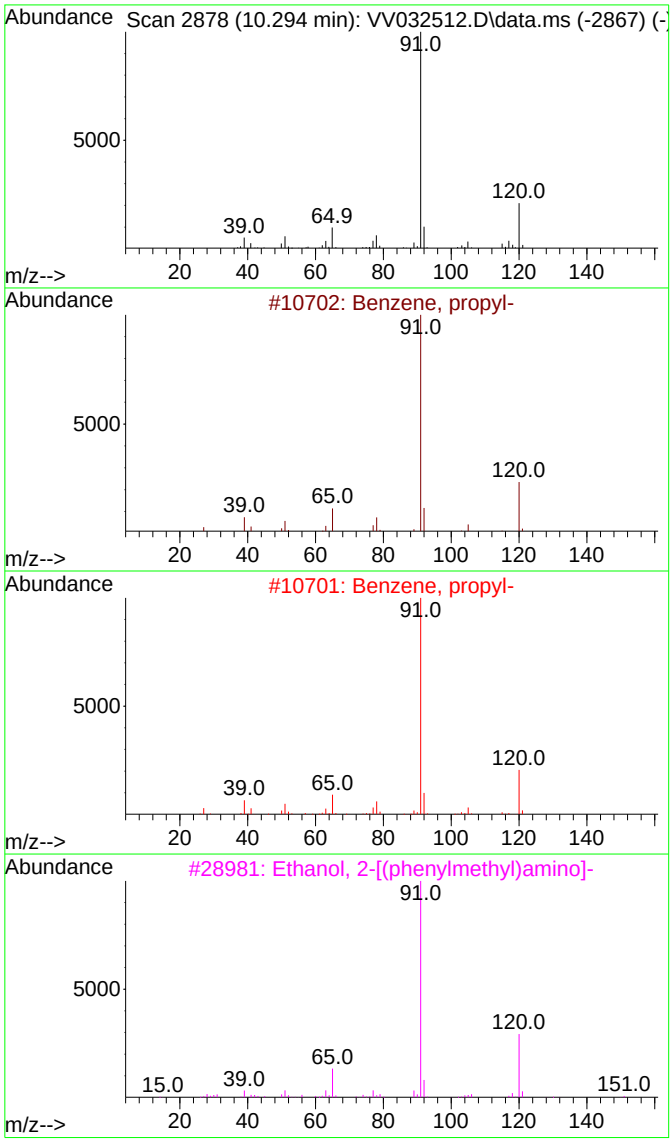
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

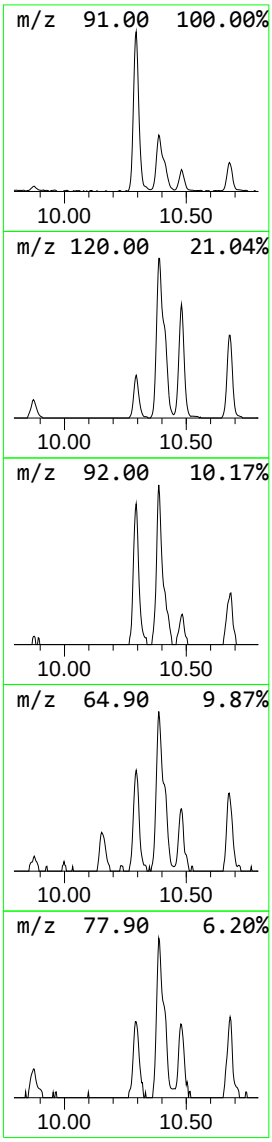
****

Peak Number 14 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.294	1.17 ug/L	77756	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78
4	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	78
5	Benzene, propyl-	120	C9H12	000103-65-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

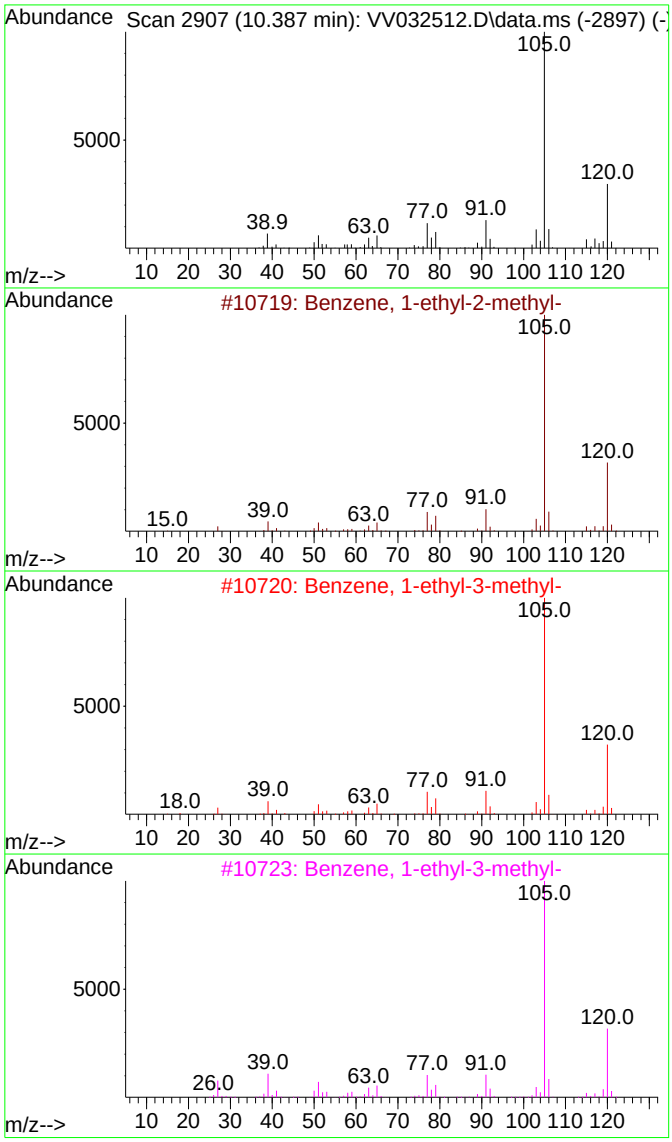
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

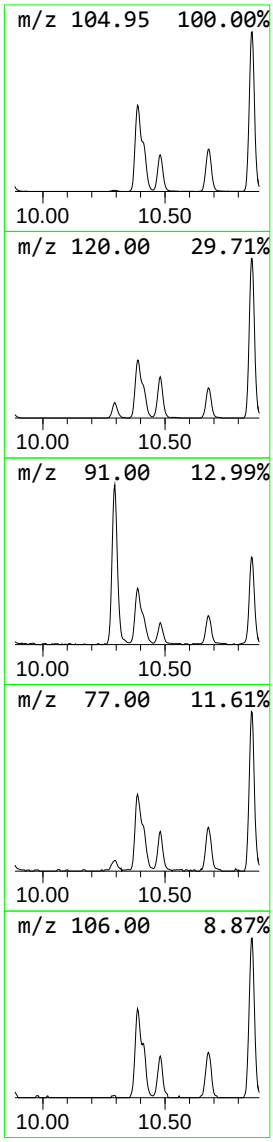
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.387	5.41 ug/L	359638	1,4-Dichlorobenzene-d4	11.188

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

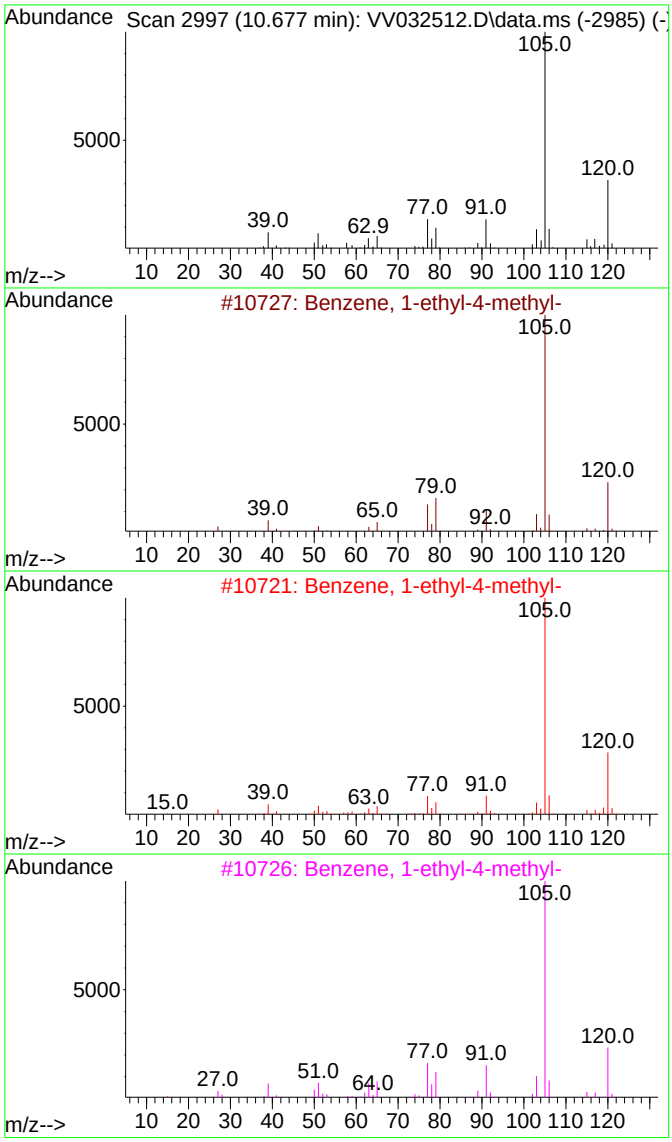
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

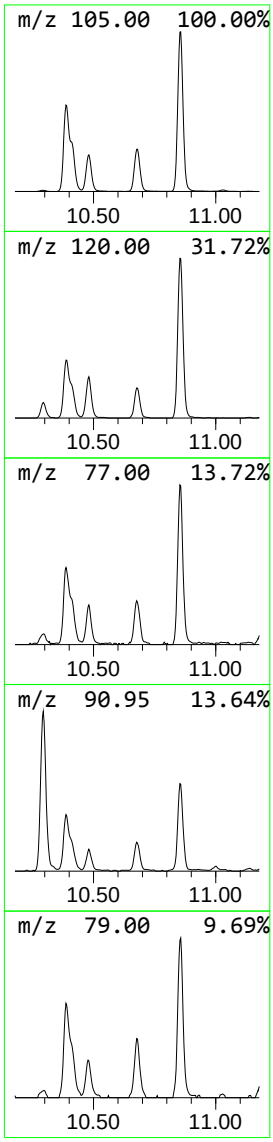
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.677	2.02 ug/L	134147	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

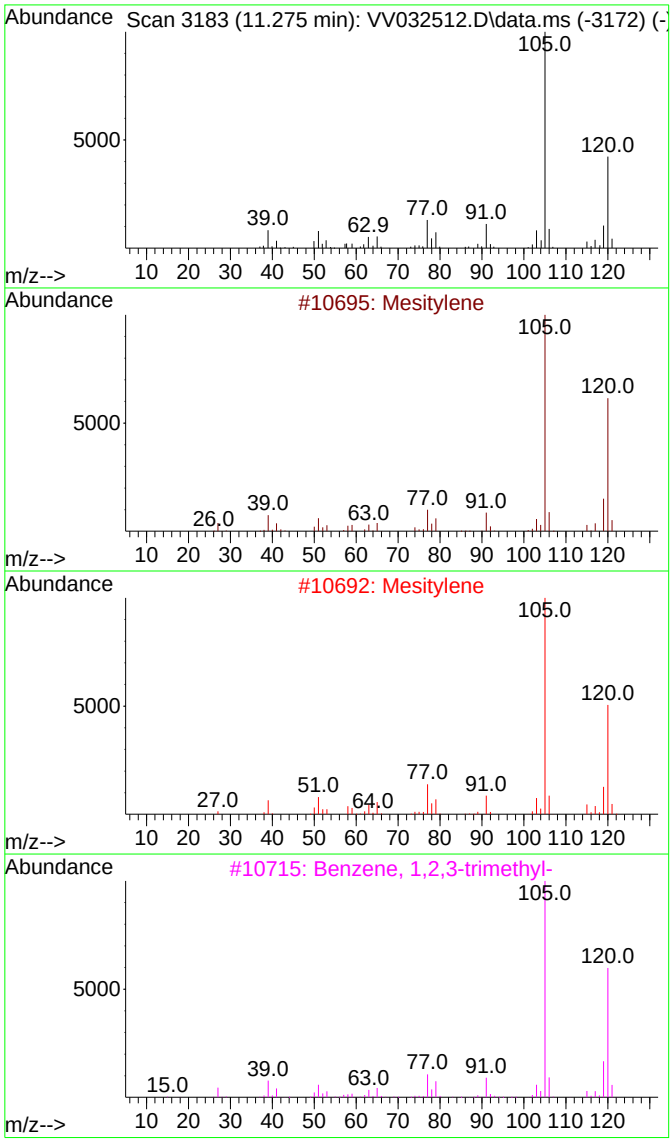
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

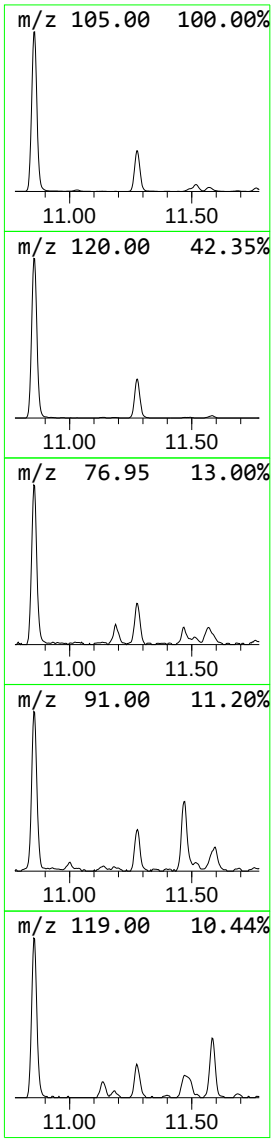
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	2.00 ug/L	132893	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

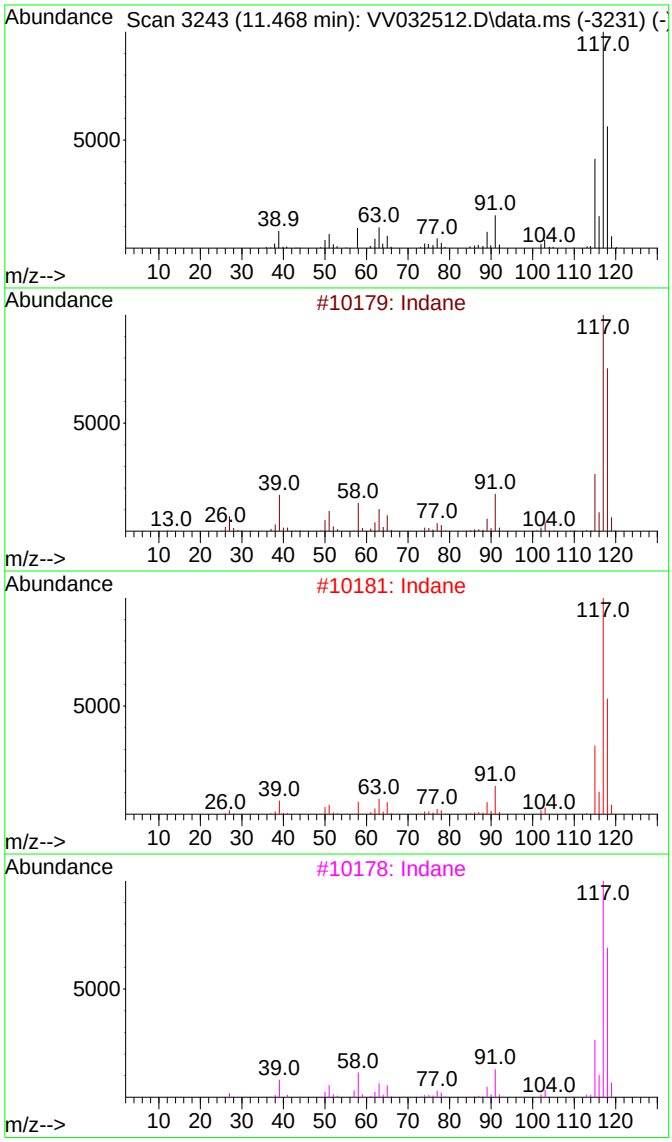
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

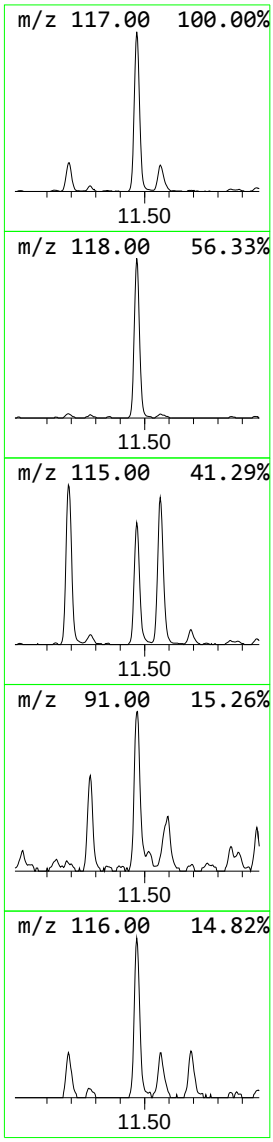
****

Peak Number 18 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.468	2.90 ug/L	192745	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	92
4	Indane	118	C9H10	000496-11-7	87
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

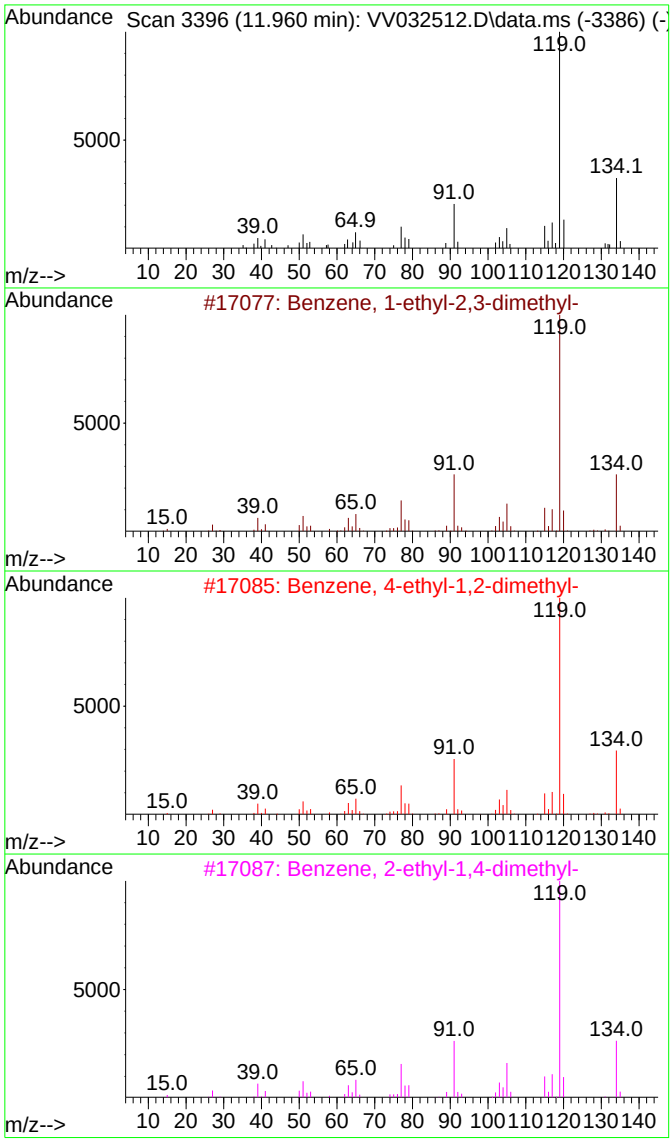
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

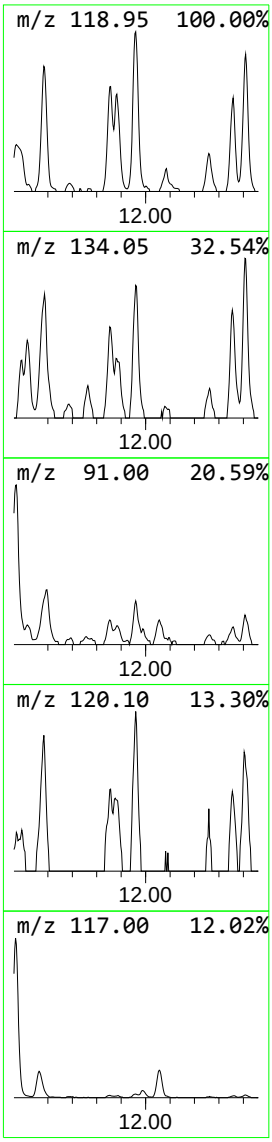
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.960	0.51 ug/L	33714	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

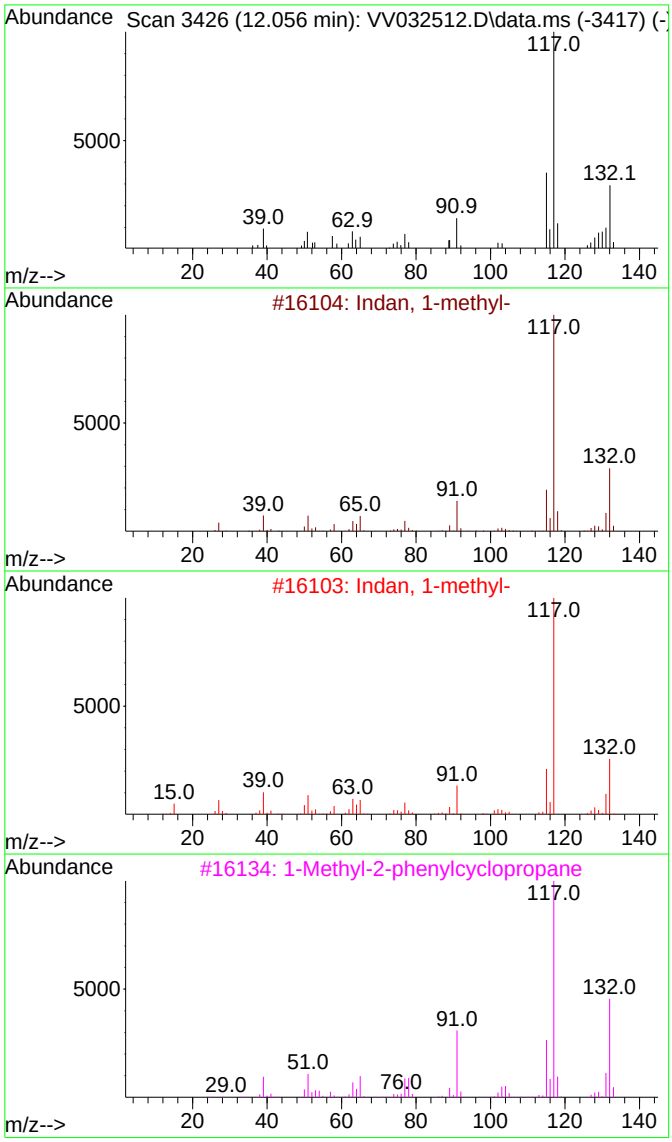
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

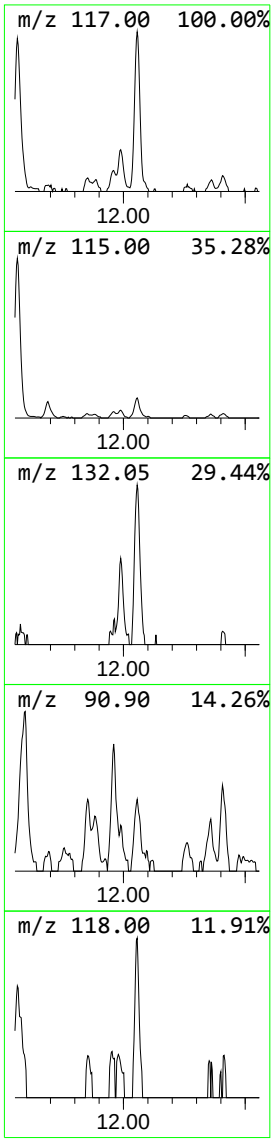
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Indan, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.056	0.53 ug/L	35217	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

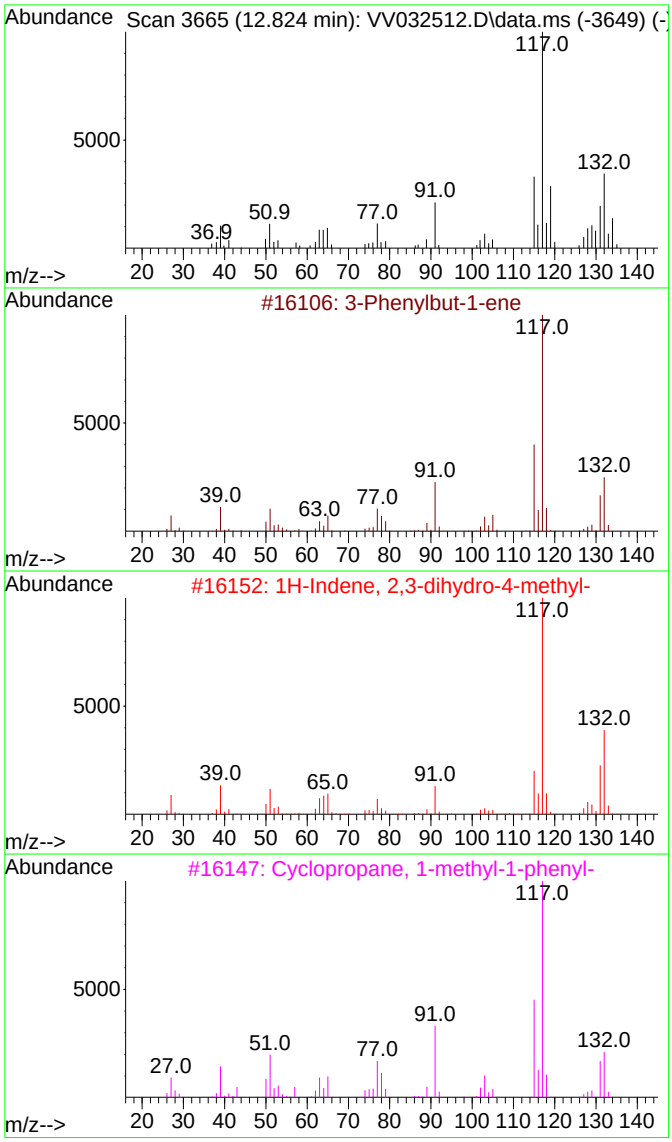
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

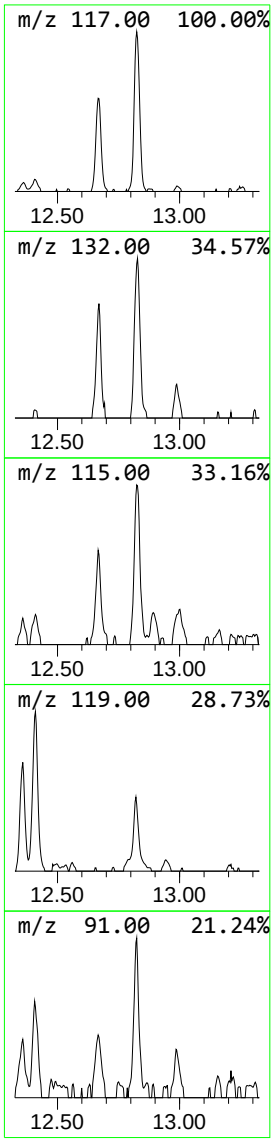
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 3-Phenylbut-1-ene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.825	0.89 ug/L	58927	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
3	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

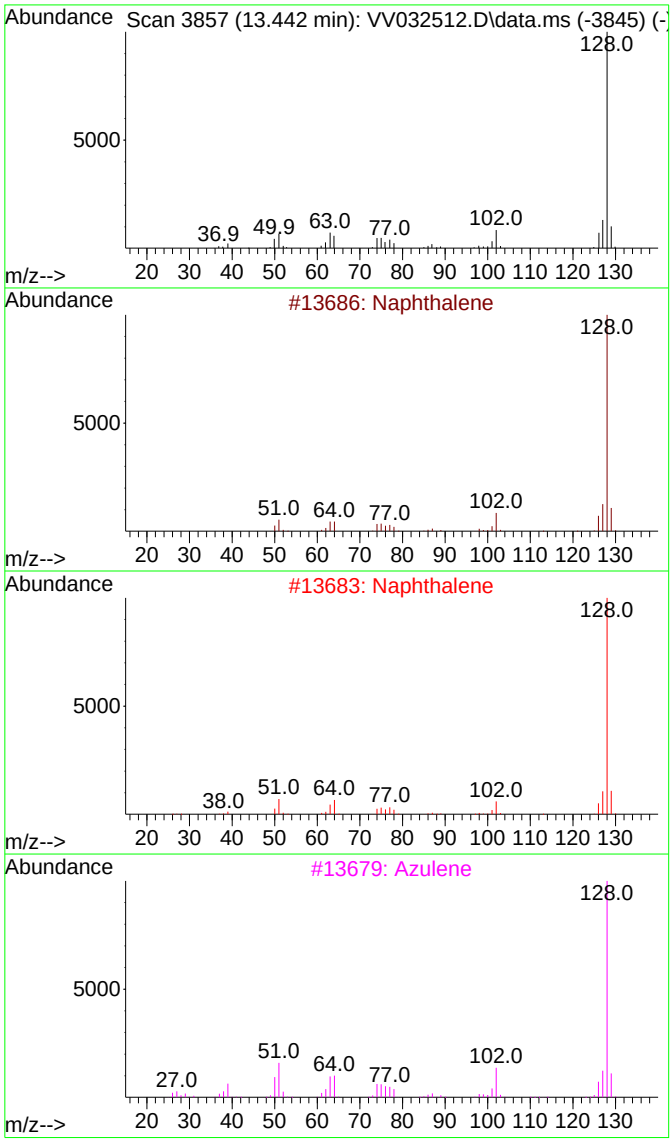
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

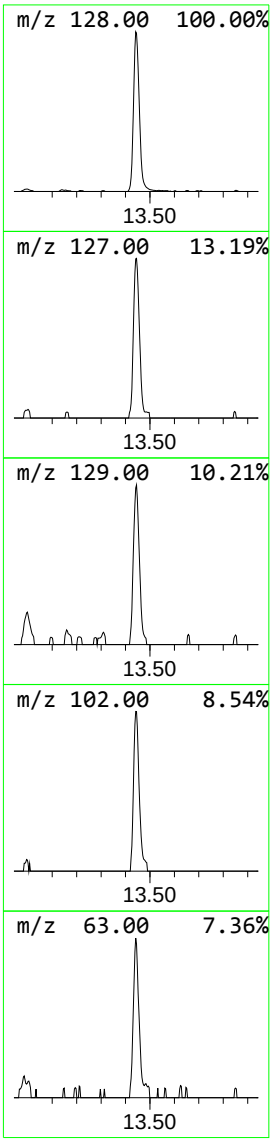
****

Peak Number 22 Azulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.442	1.30 ug/L	86430	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	93
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.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...	1.597	3.9	ug/L	175446	1	5.539	226219	5.0
(DEL) Alkane: C...	1.722	0.7	ug/L	32092	1	5.539	226219	5.0
(DEL) Alkane: S...	1.764	2.7	ug/L	122672	1	5.539	226219	5.0
(DEL) Alkane: C...	1.857	1.3	ug/L	58762	1	5.539	226219	5.0
(DEL) Alkane: S...	1.937	0.6	ug/L	27700	1	5.539	226219	5.0
(DEL) Alkane: C...	1.979	1.2	ug/L	56016	1	5.539	226219	5.0
(DEL) Alkane: C...	2.516	1.9	ug/L	86392	1	5.539	226219	5.0
(DEL) Alkane: S...	2.696	1.1	ug/L	50375	1	5.539	226219	5.0
(DEL) Alkane: S...	2.966	0.8	ug/L	34538	1	5.539	226219	5.0
(DEL) Alkane: C...	3.670	2.9	ug/L	132992	1	5.539	226219	5.0
Cyclohexene	5.133	0.5	ug/L	24230	1	5.539	226219	5.0
Benzene, propyl-	10.294	1.2	ug/L	77756	3	11.188	332472	5.0
Benzene, 1-ethy...	10.387	5.4	ug/L	359638	3	11.188	332472	5.0
Benzene, 1-ethy...	10.677	2.0	ug/L	134147	3	11.188	332472	5.0
Benzene, 1,2,3-...	11.275	2.0	ug/L	132893	3	11.188	332472	5.0
Indane	11.468	2.9	ug/L	192745	3	11.188	332472	5.0
Benzene, 1-ethy...	11.960	0.5	ug/L	33714	3	11.188	332472	5.0
Indan, 1-methyl-	12.056	0.5	ug/L	35217	3	11.188	332472	5.0
3-Phenylbut-1-ene	12.825	0.9	ug/L	58927	3	11.188	332472	5.0
Azulene	13.442	1.3	ug/L	86430	3	11.188	332472	5.0