LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU060043.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.602	86	97	118	rBV2	410422	488785	4.29%	1.380%
2	2.563	385	396	413	rVB2	83372	142031	1.25%	0.401%
3	4.657	1028	1047	1103	rBV	5005185	11382608	100.00%	32.130%
4	5.055	1157	1171	1193	rVB	85786	189858	1.67%	0.536%
5	5.718	1358	1377	1388	rBV2	170734	444048	3.90%	1.253%
6	6.245	1529	1541	1566	rBV	158823	307960	2.71%	0.869%
7	6.682	1659	1677	1693	rBV2	106167	207126	1.82%	0.585%
8	7.891	2042	2053	2063	rBV	194071	336791	2.96%	0.951%
9	7.962	2063	2075	2111	rVB	2167883	3659016	32.15%	10.328%
10	8.627	2272	2282	2311	rBV	233822	457549	4.02%	1.292%
11	9.412	2510	2526	2550	rBV	238886	432358	3.80%	1.220%
12	9.563	2561	2573	2595	rBV	407796	656876	5.77%	1.854%
13	9.685	2595	2611	2649	rVB	1302417	2129826	18.71%	6.012%
14	10.094	2725	2738	2774	rVB	645528	1032683	9.07%	2.915%
15	10.750	2931	2942	2953	rBV2	94954	149912	1.32%	0.423%
16	10.901	2975	2989	3004	rBV	94304	159321	1.40%	0.450%
17	10.991	3004	3017	3036	rVV	475074	1062631	9.34%	3.000%
18	11.081	3036	3045	3061	rVB	259244	404722	3.56%	1.142%
19	11.287	3096	3109	3126	rBV	343358	546309	4.80%	1.542%
20	11.460	3151	3163	3187	rVB	1101677	1682850	14.78%	4.750%
21	11.631	3198	3216	3232	rBV4	159874	313786	2.76%	0.886%
22	11.801	3256	3269	3285	rVV3	324170	777911	6.83%	2.196%
23	11.888	3285	3296	3313	rVB	763214	1295514	11.38%	3.657%
24	12.090	3345	3359	3365	rBV2	199120	331401	2.91%	0.935%
25	12.187	3377	3389	3412	rVB4	362446	732452	6.43%	2.068%
26	12.370	3436	3446	3460	rVB	81906	127891	1.12%	0.361%
27	12.457	3460	3473	3478	rBV	84609	134461	1.18%	0.380%
28	12.489	3478	3483	3495	rVV	104088	159706	1.40%	0.451%
29	12.566	3497	3507	3514	rVV	105726	162689	1.43%	0.459%
30	12.676	3531	3541	3561	rVB2	108631	249491	2.19%	0.704%
31	12.868	3590	3601	3612	rVB2	72803	122582	1.08%	0.346%
32	12.942	3612	3624	3628	rBV	87223	146802	1.29%	0.414%
33	13.020	3639	3648	3664	rVB	141974	223891	1.97%	0.632%
34	13.444	3771	3780	3792	rVV4	309127	541792	4.76%	1.529%
35	13.508	3792	3800	3810	rVB3	96982	153089	1.34%	0.432%
36	13.618	3824	3834	3848	rVB	134227	220520	1.94%	0.622%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

37	13.730	3853	3869	3878	rBV3	106680	193436	1.70%	0.546%
38	14.081	3961	3978	3999	rBV	373401	636738	5.59%	1.797%
39	14.666	4146	4160	4177	rBV6	71086	176835	1.55%	0.499%
40	15.216	4315	4331	4360	rBV	1090960	1730284	15.20%	4.884%
41	15.402	4377	4389	4401	rBV	703037	1122116	9.86%	3.167%

Sum of corrected areas: 35426647

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
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Operator : MD/SY
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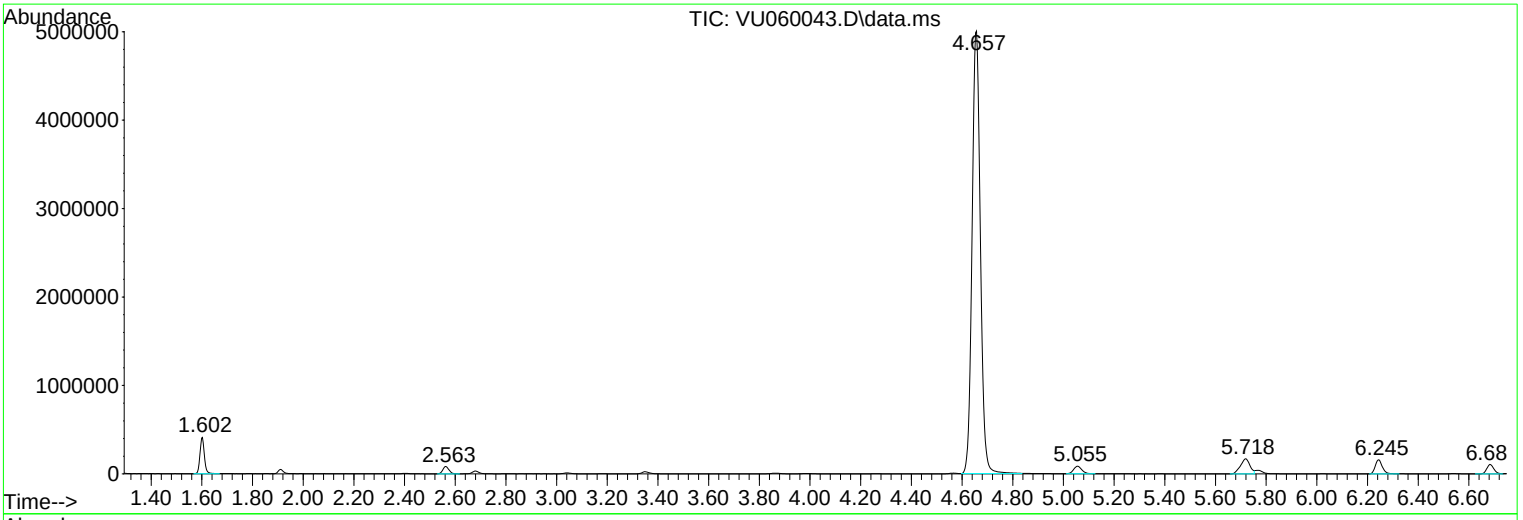
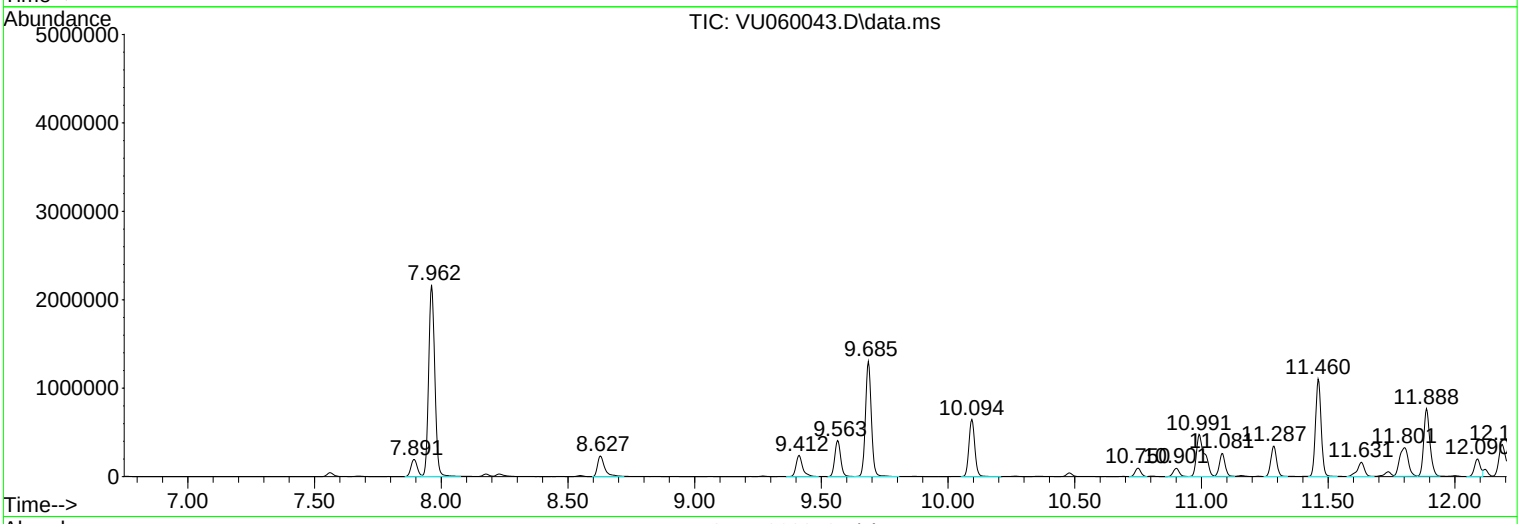
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

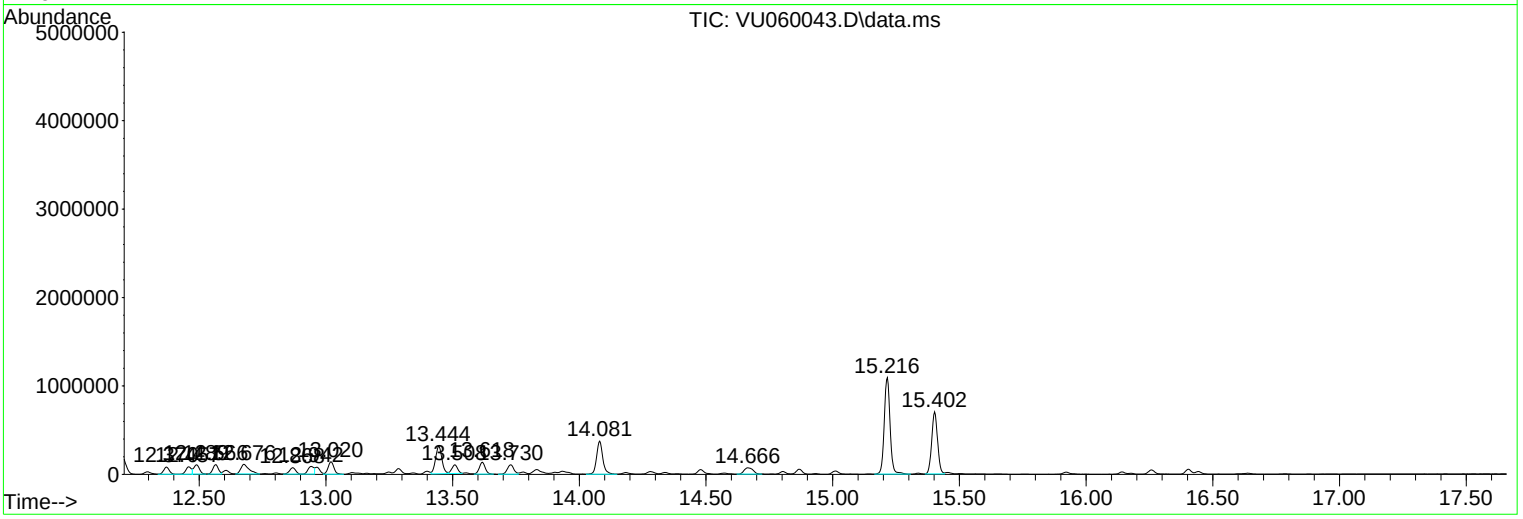
Instrument :
MSVOA_U
ClientSampleId :
YDZD0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

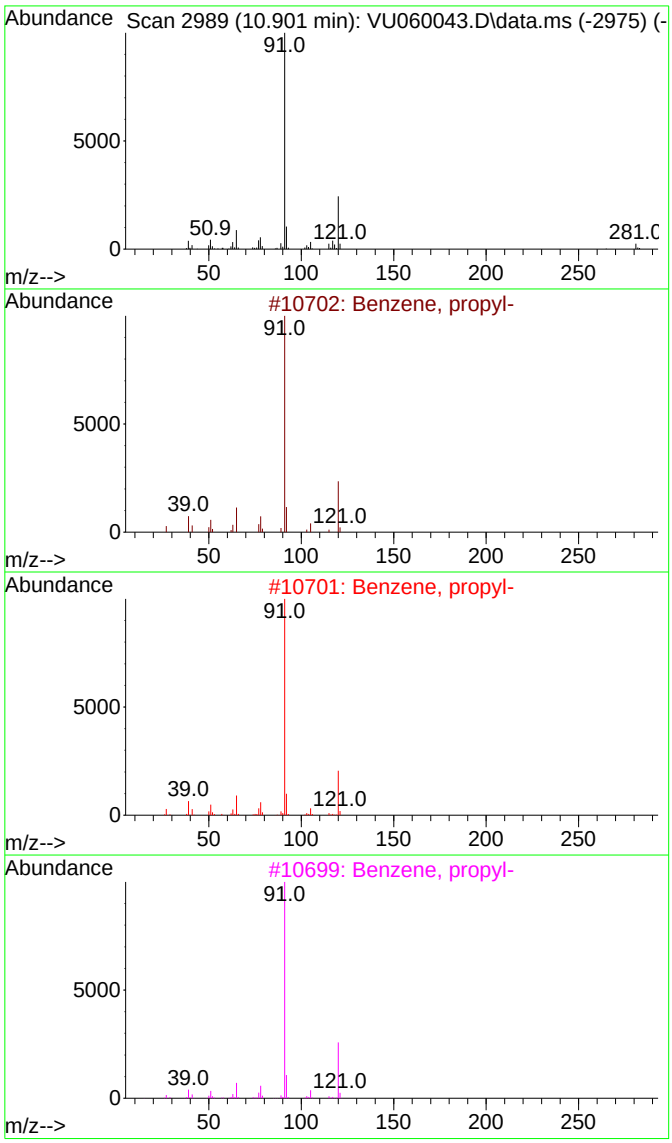
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

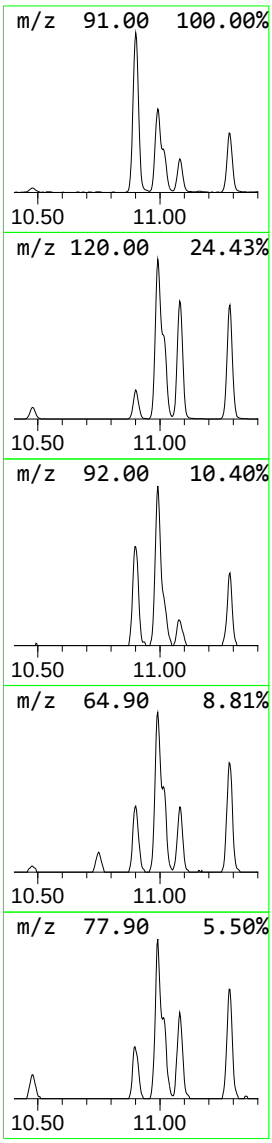
****

Peak Number 1 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.901	1.02 ug/L	159321	1,4-Dichlorobenzene-d4	11.807

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	76
3	Benzene, propyl-	120	C9H12	000103-65-1	76
4	Benzene, propyl-	120	C9H12	000103-65-1	64
5	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

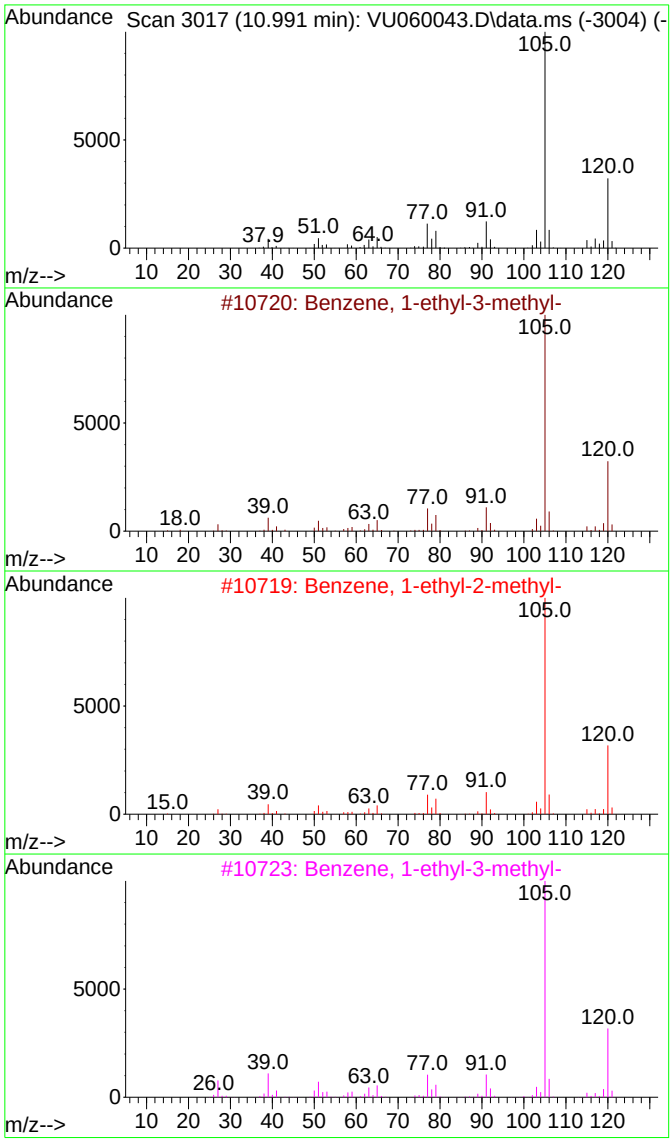
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

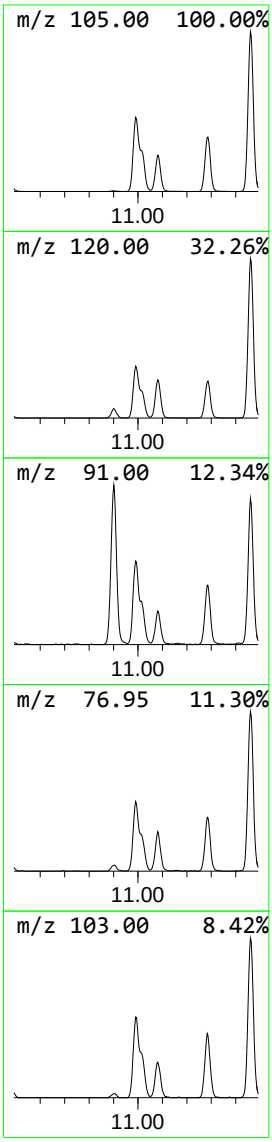
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.991	6.83 ug/L	1062630	1,4-Dichlorobenzene-d4	11.807

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-2-methyl-	120	C9H12	000611-14-3	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-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

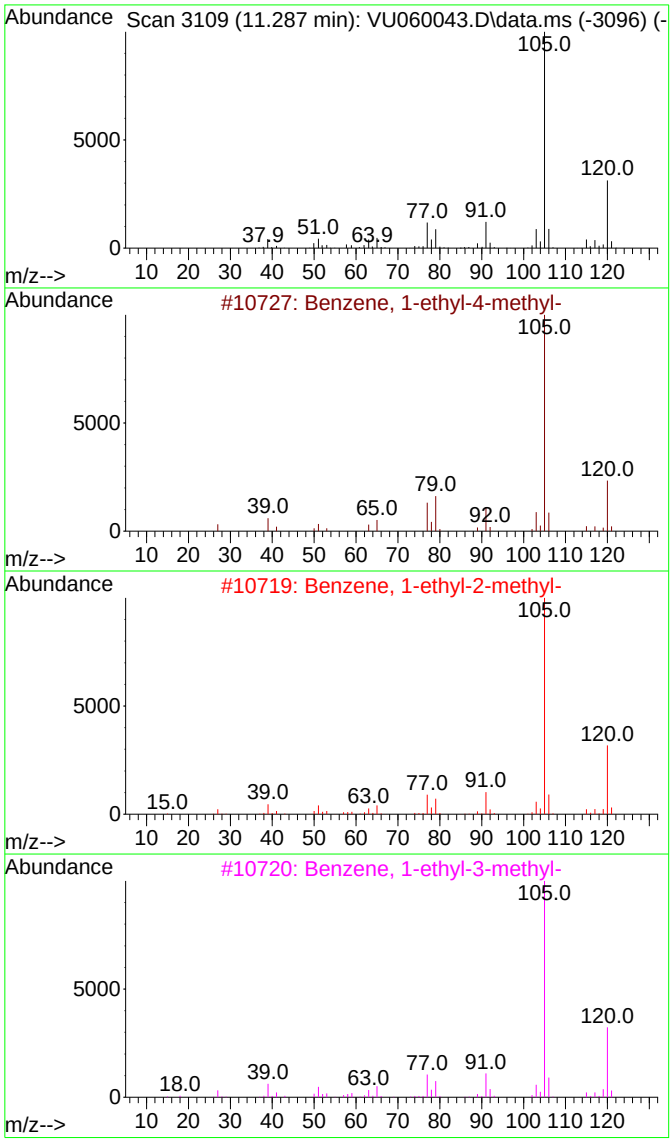
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

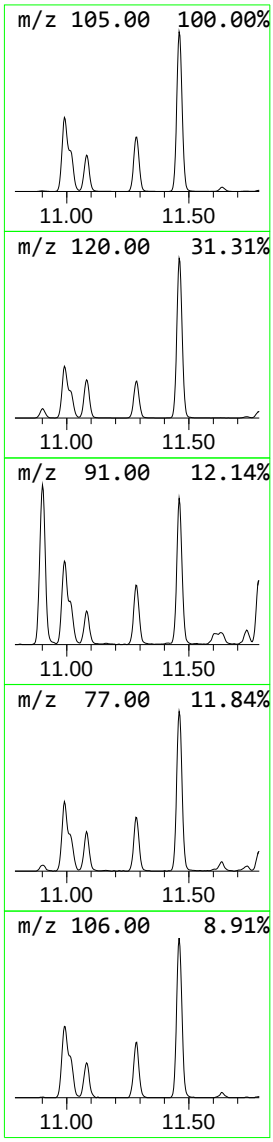
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.287	3.51 ug/L	546309	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

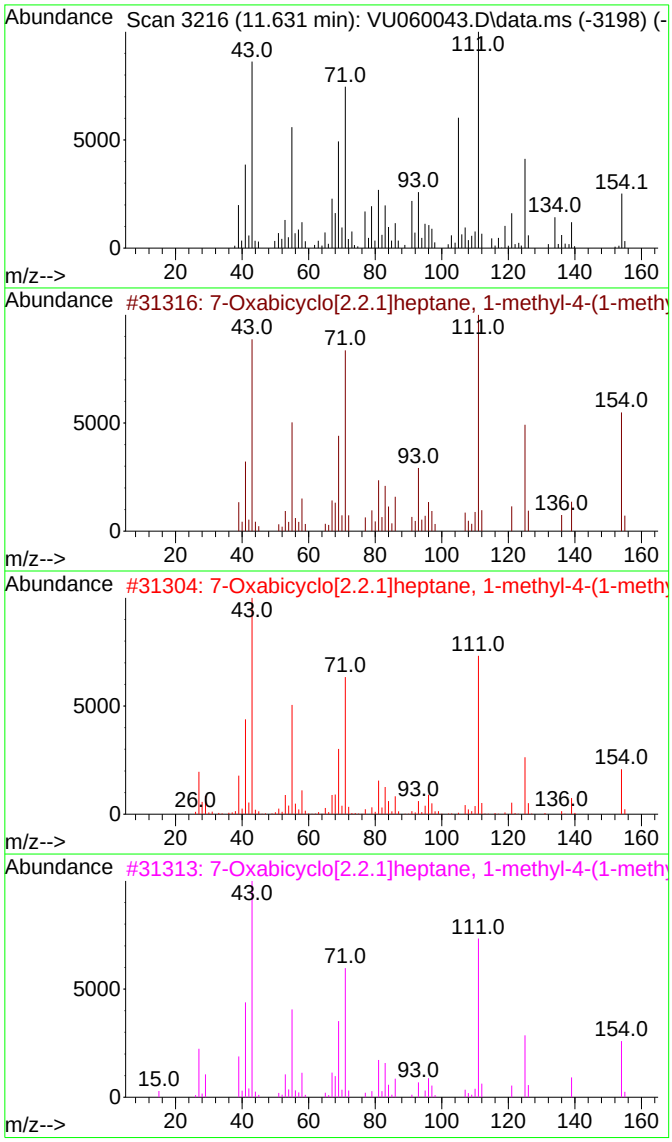
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

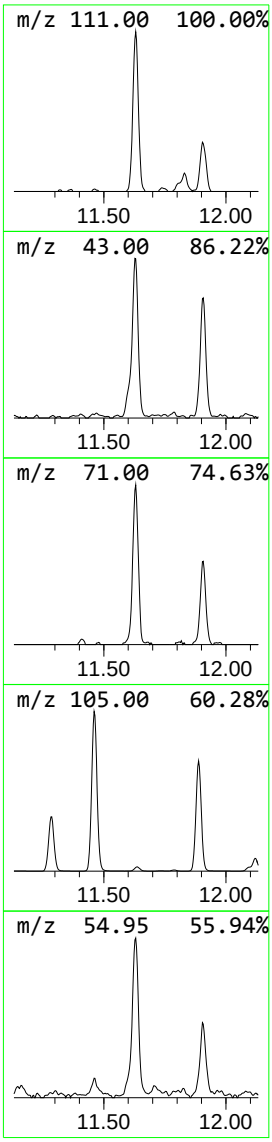
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.631	2.02 ug/L	313786	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	95
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	93
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	93
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	81
5	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

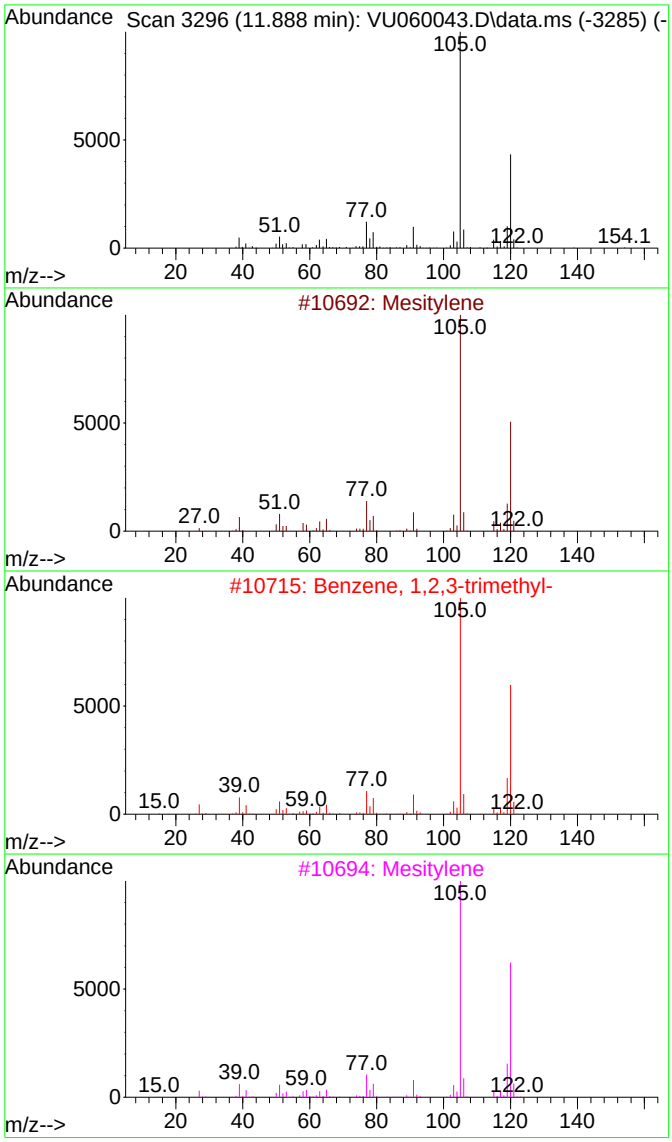
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

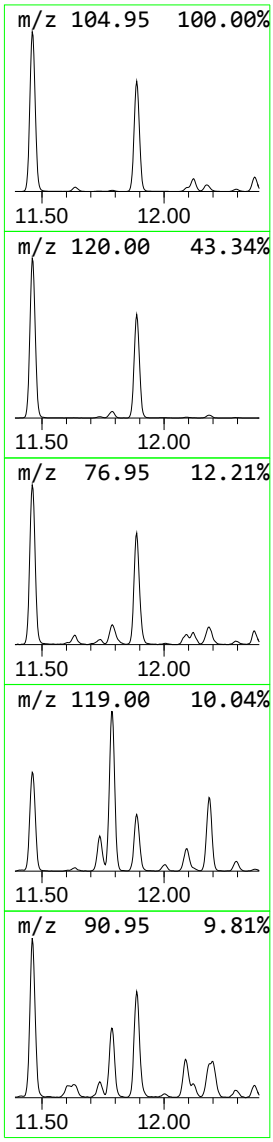
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	8.33 ug/L	1295510	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

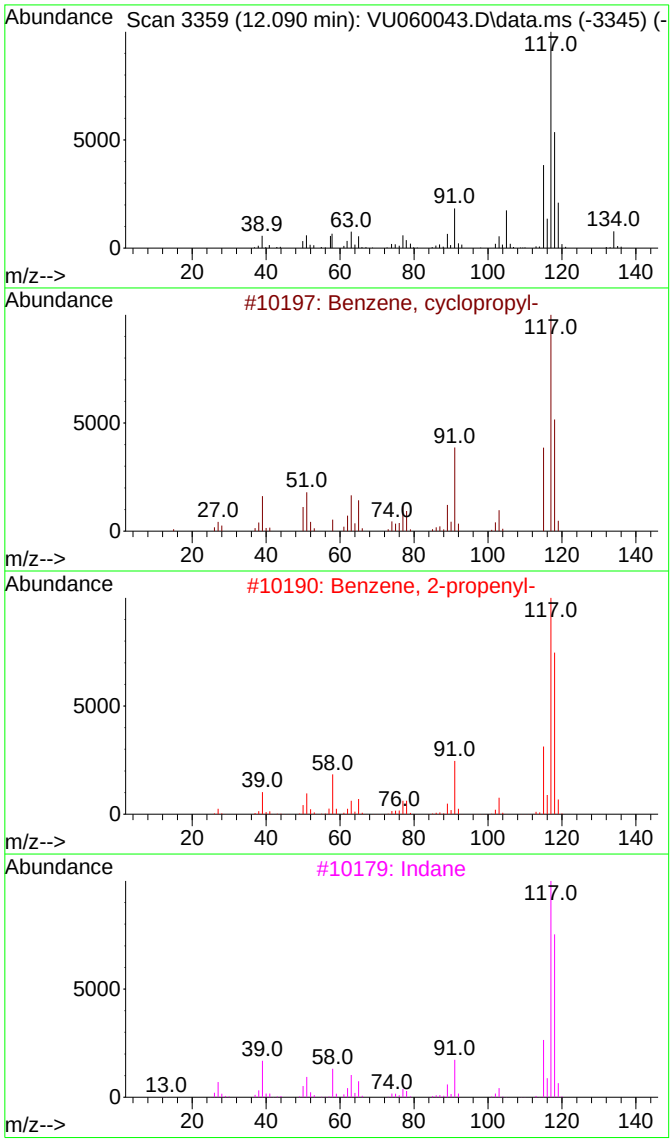
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

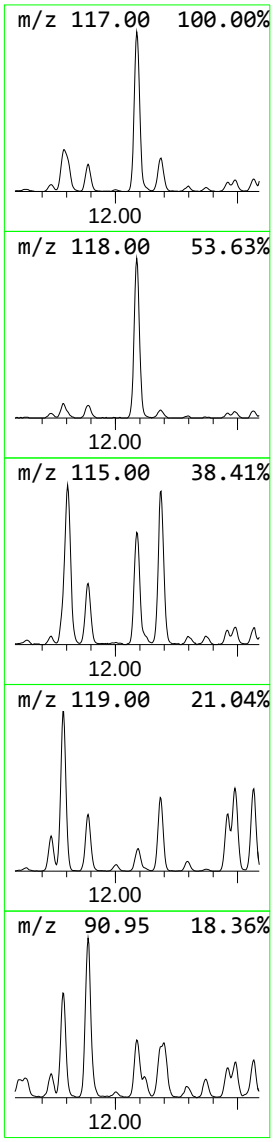
****

Peak Number 6 Benzene, cyclopropyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	2.13 ug/L	331401	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
3	Indane	118	C9H10	000496-11-7	64
4	Indane	118	C9H10	000496-11-7	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58





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ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

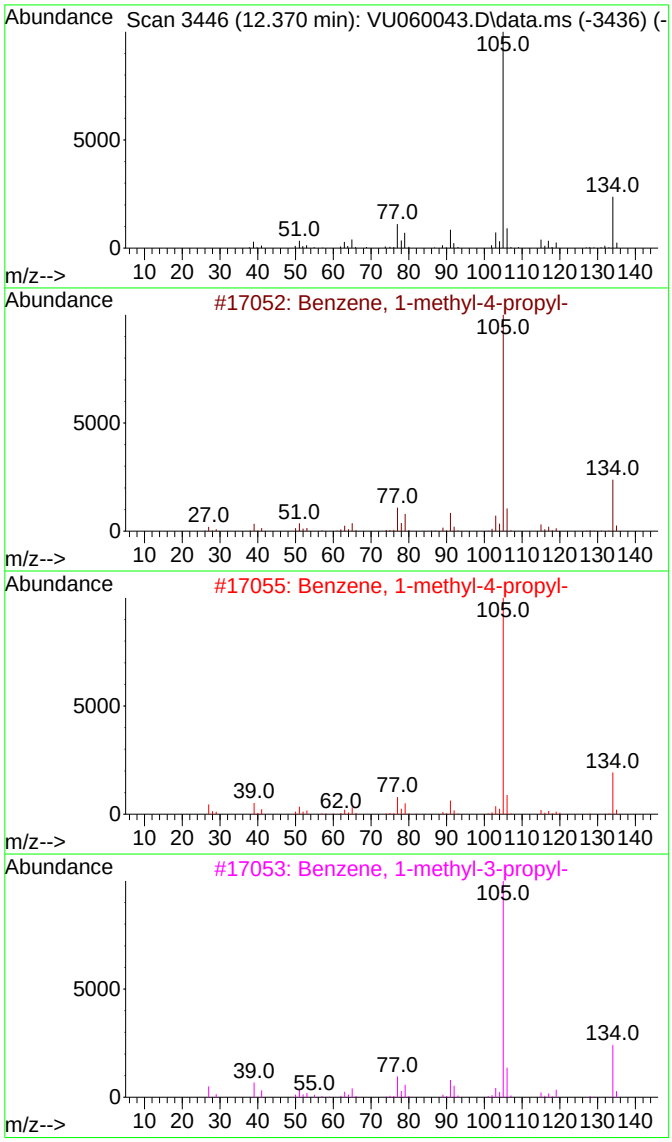
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

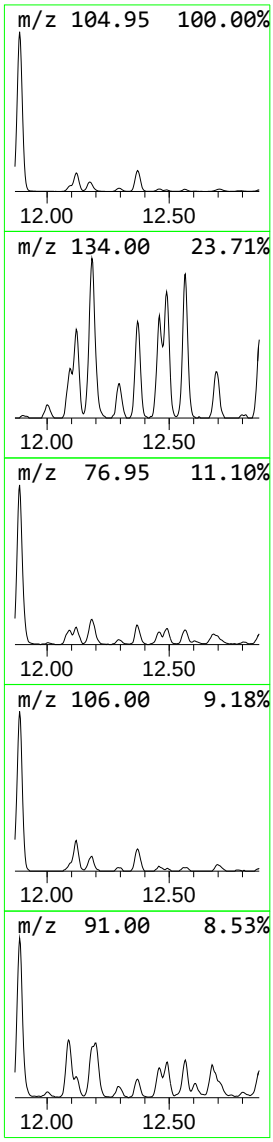
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-methyl-4-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.370	0.82 ug/L	127891	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

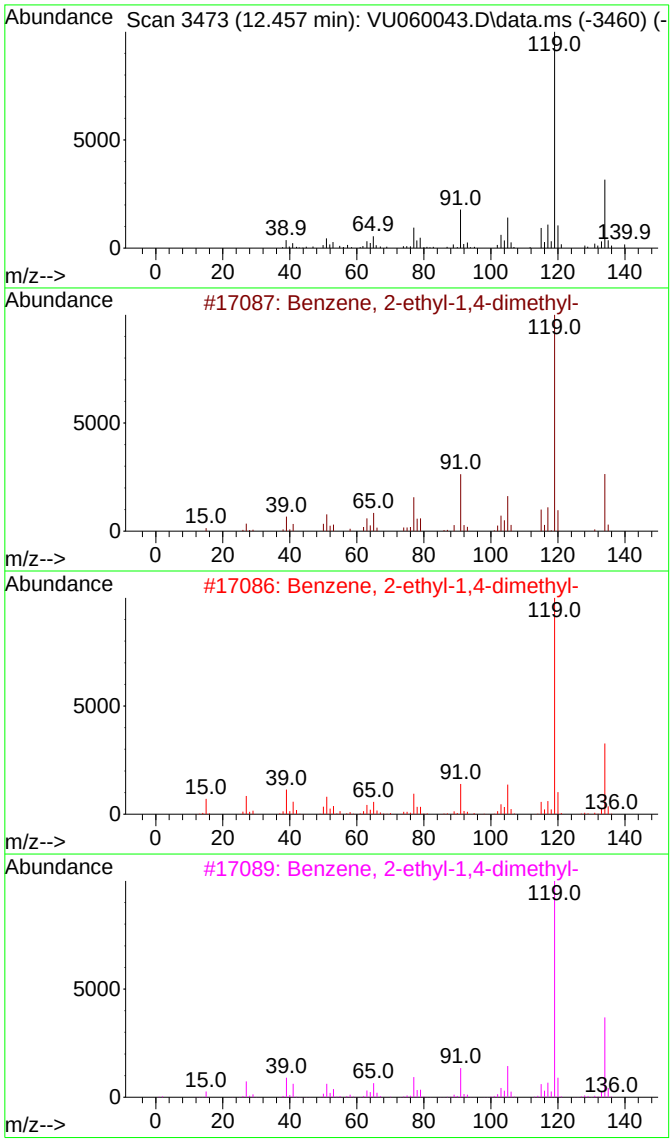
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

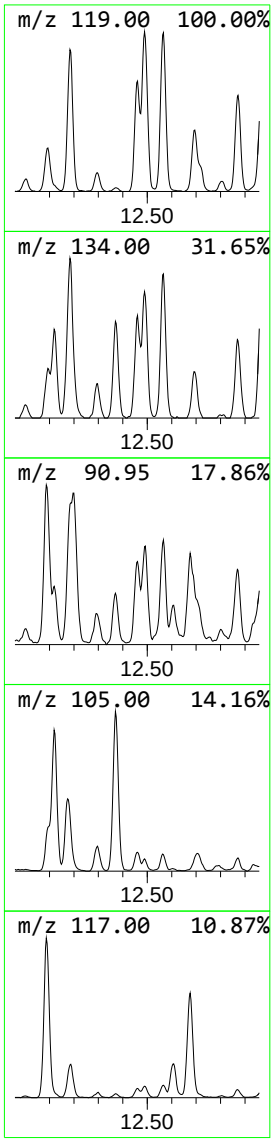
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	0.86 ug/L	134461	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

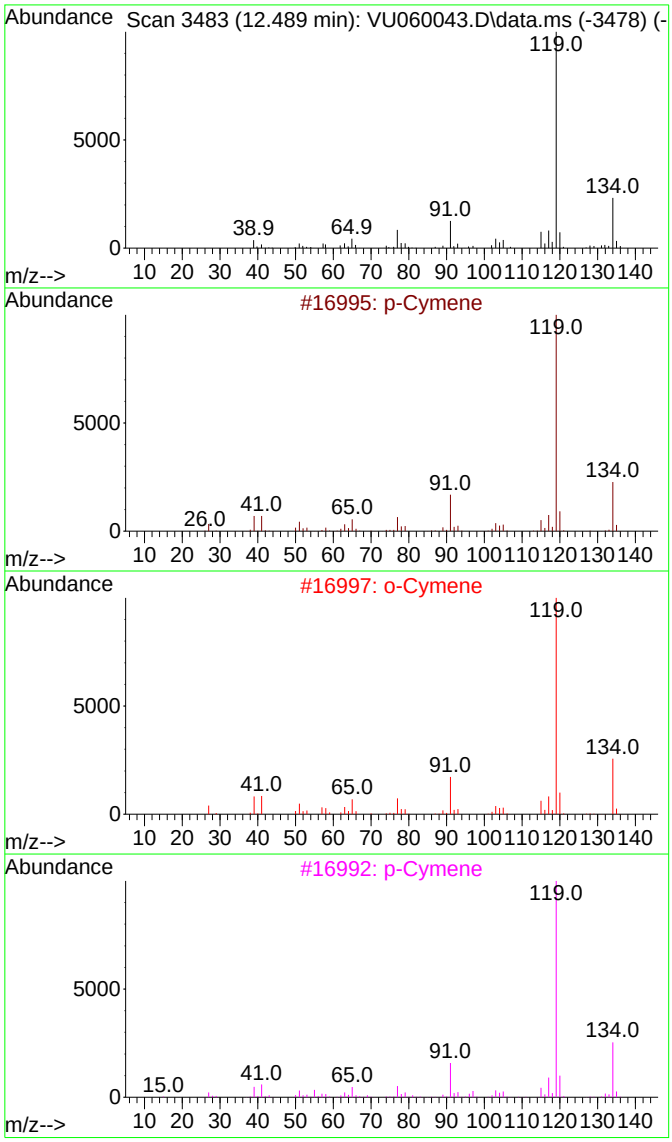
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

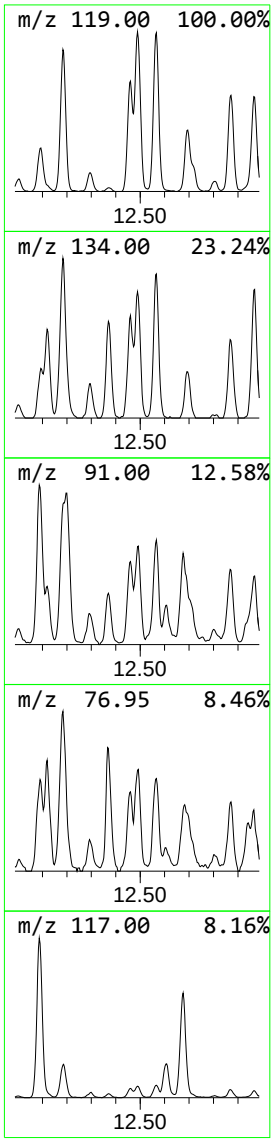
****

Peak Number 9 p-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.489	1.03 ug/L	159706	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

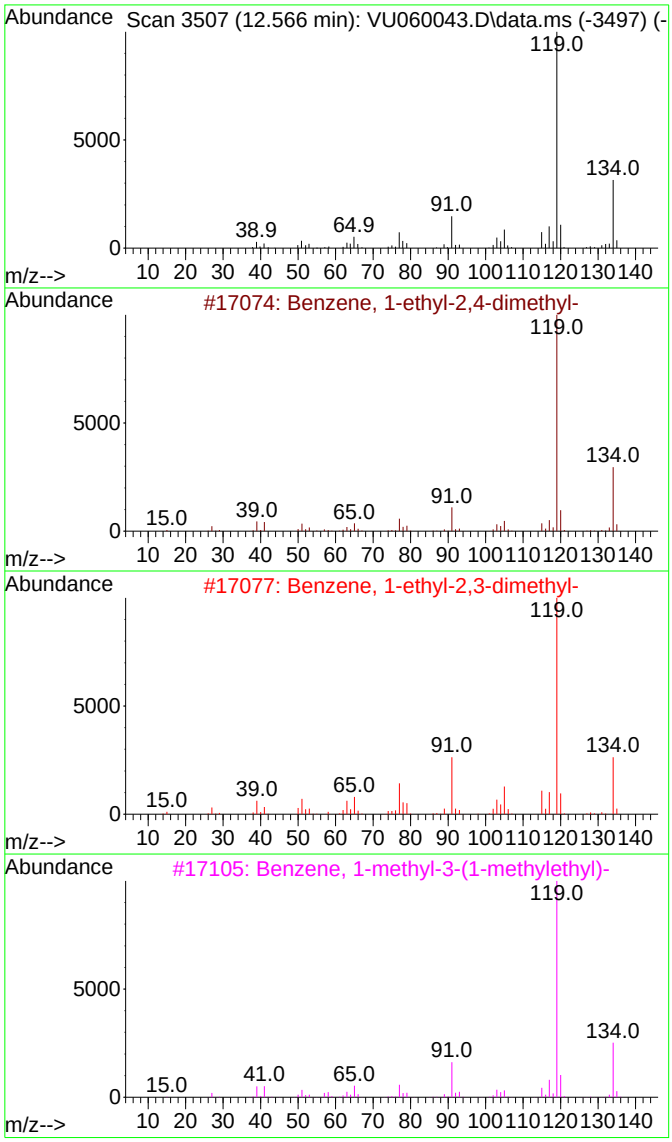
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

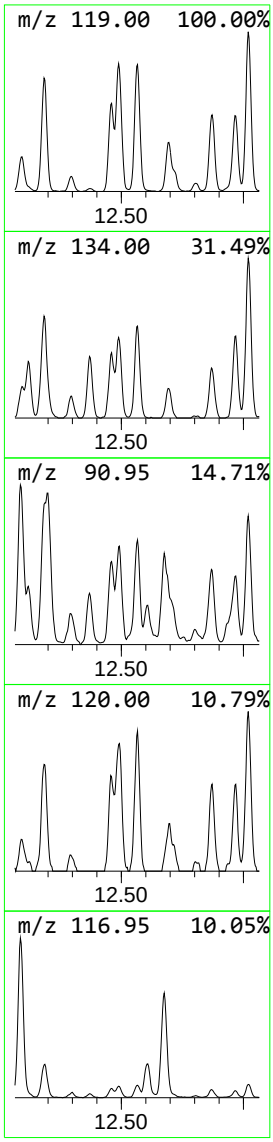
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.566	1.05 ug/L	162689	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

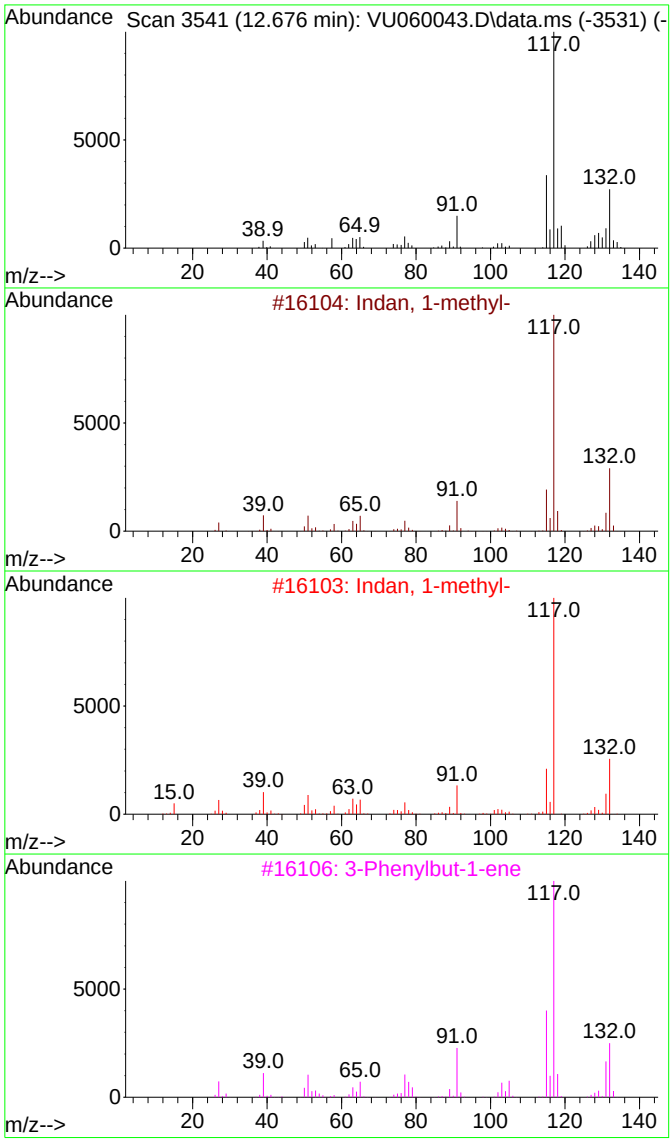
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

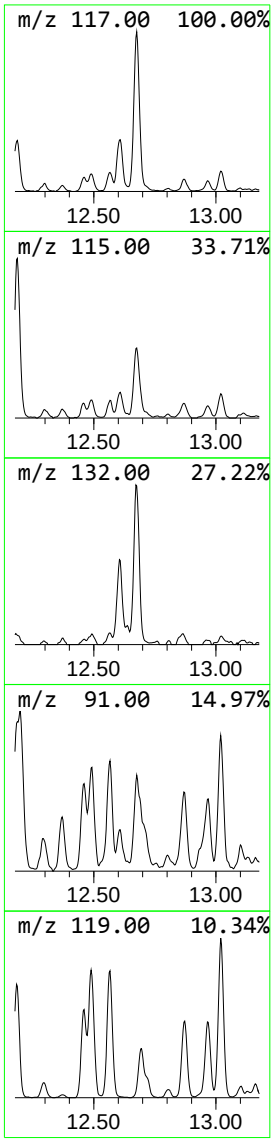
****

Peak Number 11 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.676	1.60 ug/L	249491	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	81
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	72
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

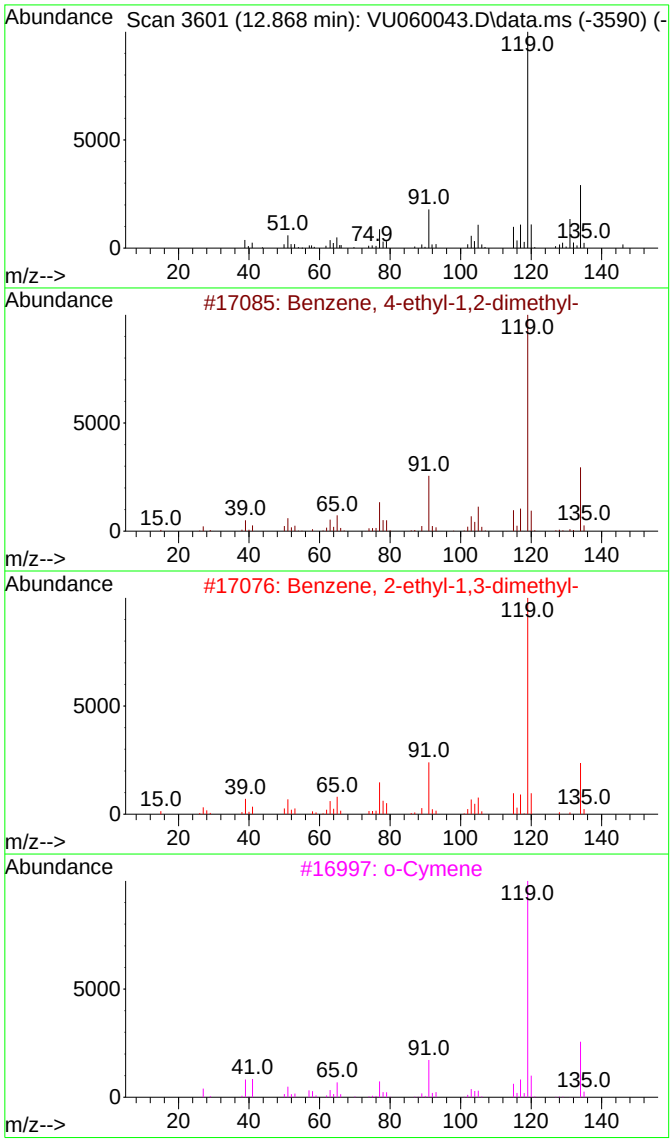
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

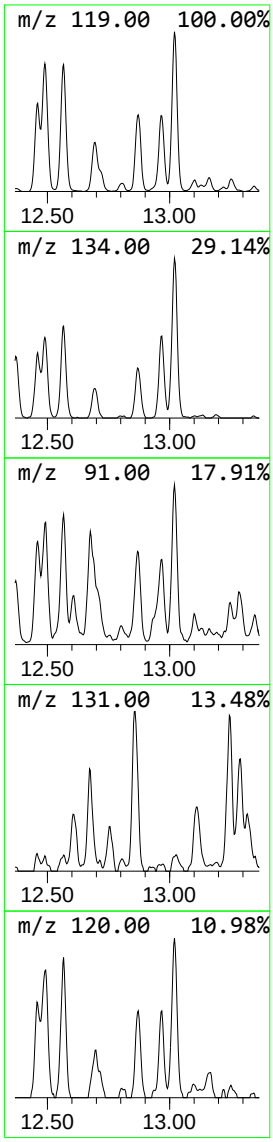
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.868	0.79 ug/L	122582	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

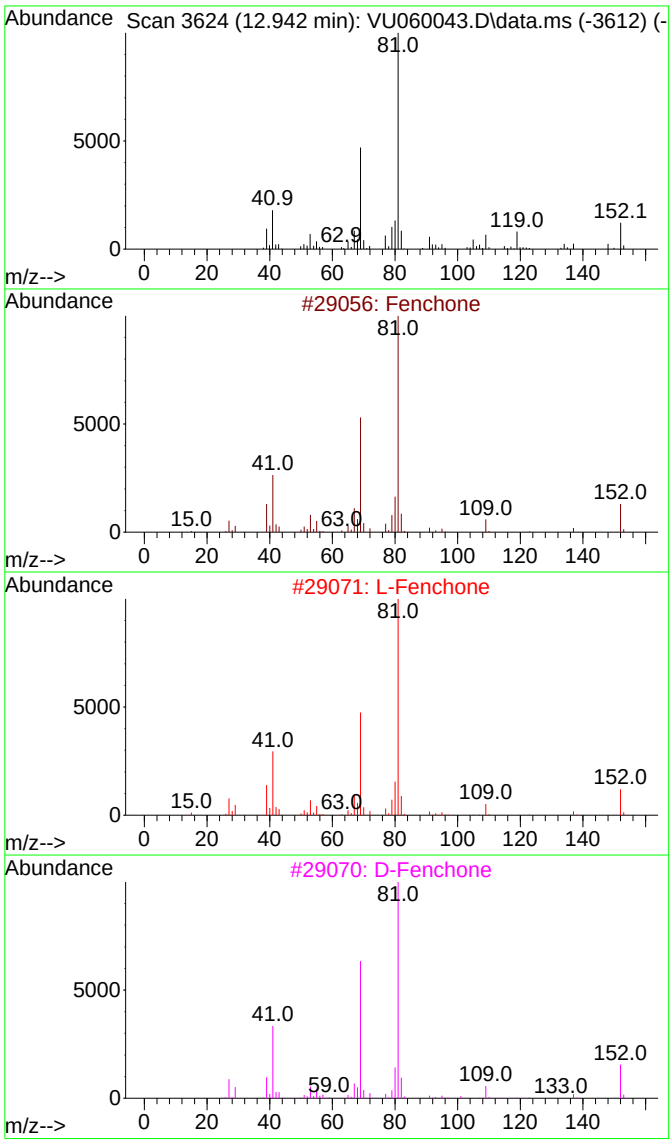
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

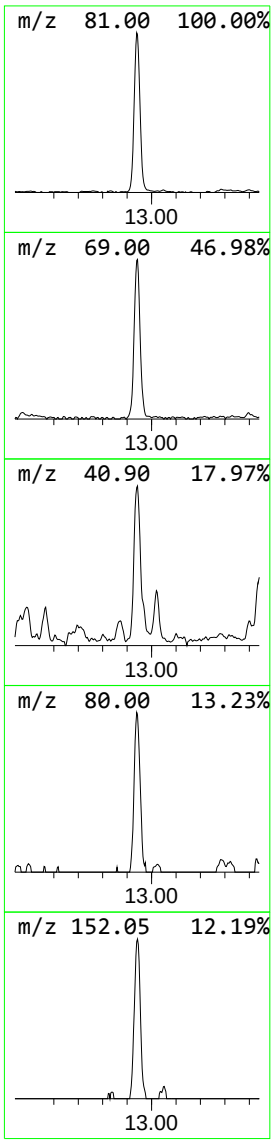
****

Peak Number 13 Fenchone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.942	0.94 ug/L	146802	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	94
2	L-Fenchone	152	C10H16O	007787-20-4	91
3	D-Fenchone	152	C10H16O	004695-62-9	90
4	Fenchone	152	C10H16O	001195-79-5	87
5	Fenchone	152	C10H16O	001195-79-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

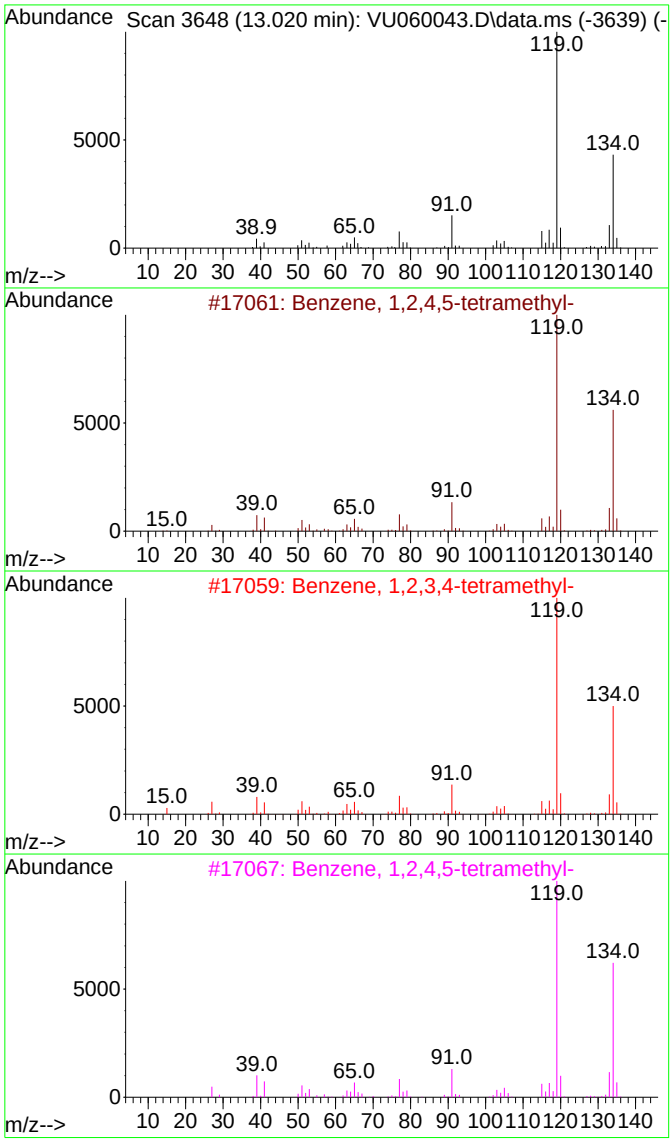
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

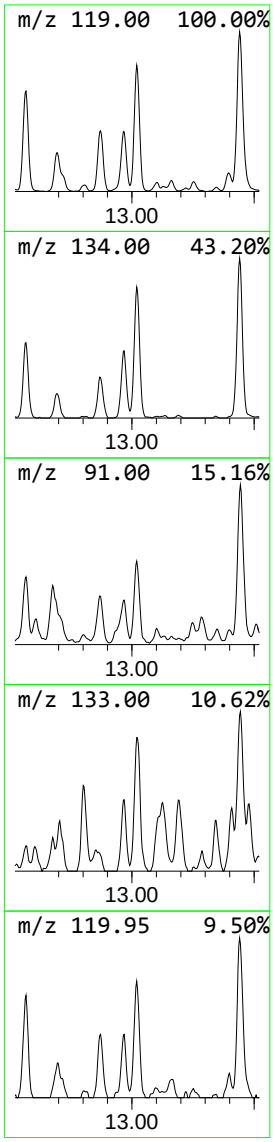
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.020	1.44 ug/L	223891	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

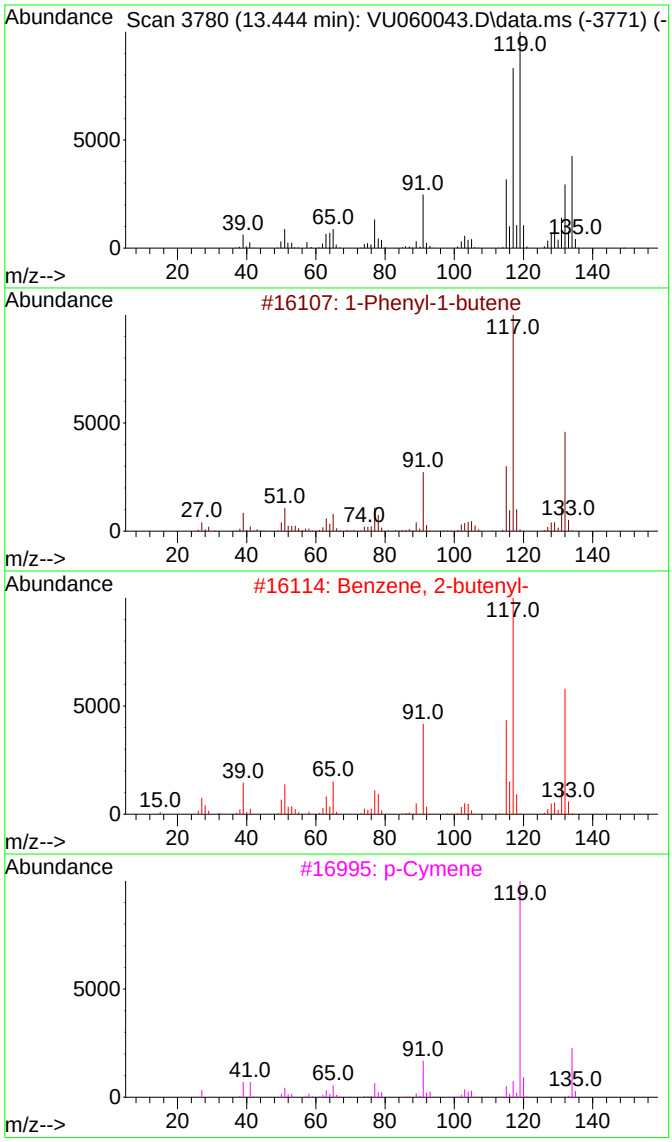
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

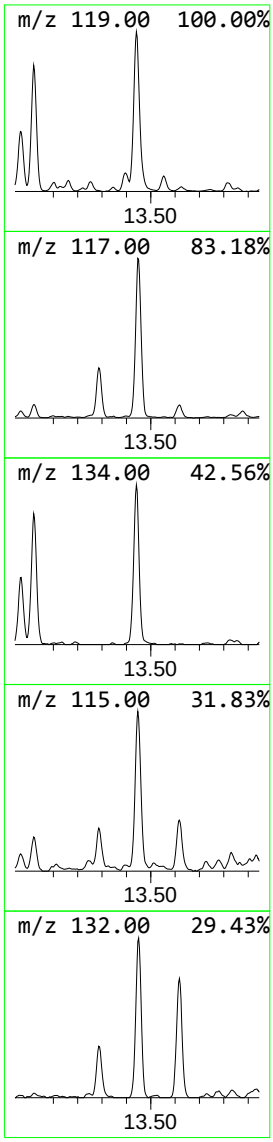
****

Peak Number 15 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	3.48 ug/L	541792	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	50
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
3	p-Cymene	134	C10H14	000099-87-6	50
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

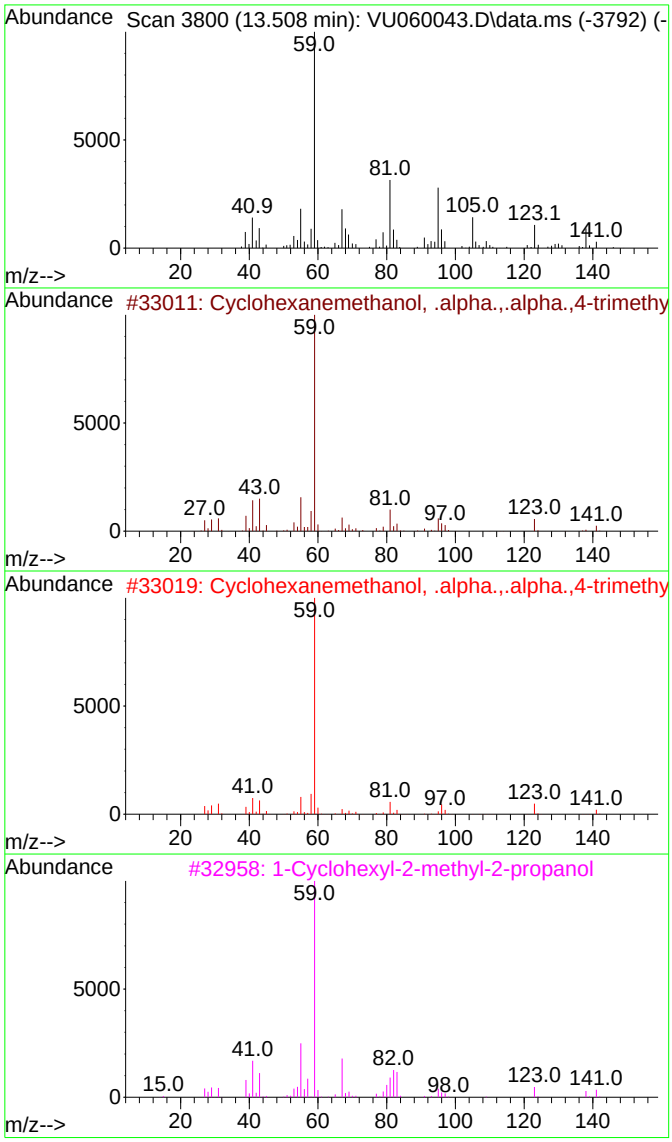
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

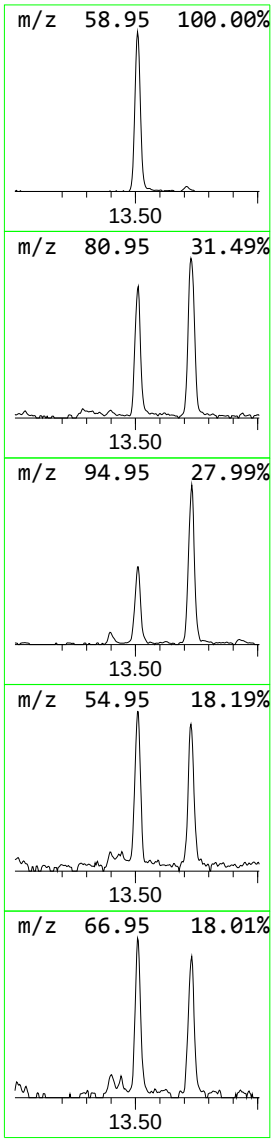
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclohexanemethanol, .alpha... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.508	0.98 ug/L	153089	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	53
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	47
3	1-Cyclohexyl-2-methyl-2-propanol	156	C10H20O	005531-30-6	45
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	40
5	2-Decanol, methyl ether	172	C11H24O	1000333-83-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

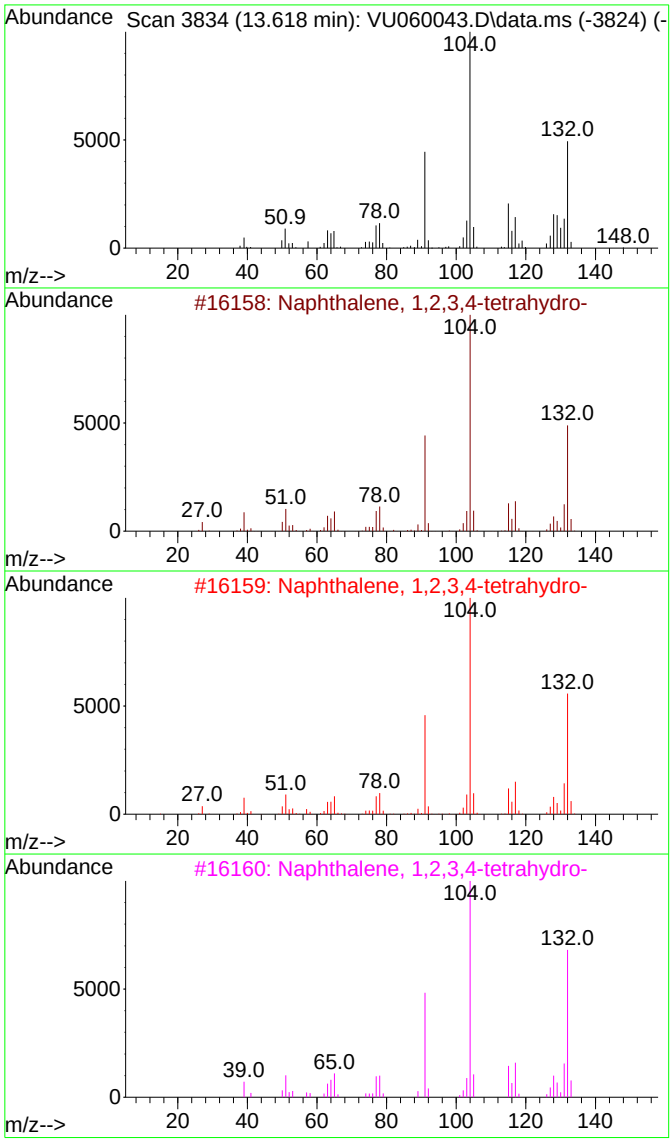
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

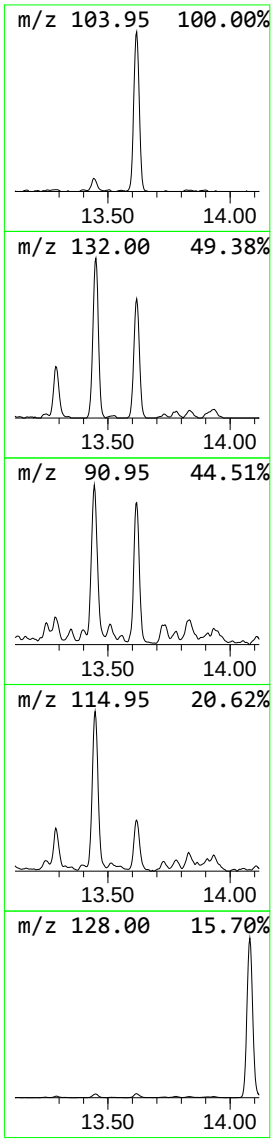
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.618	1.42 ug/L	220520	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

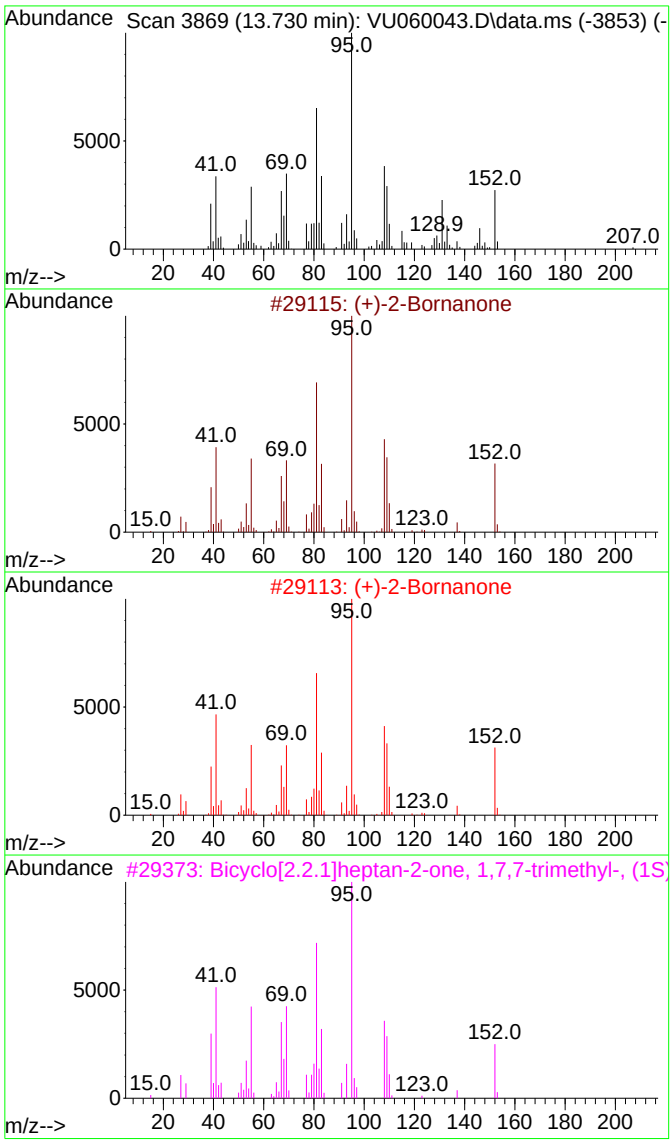
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

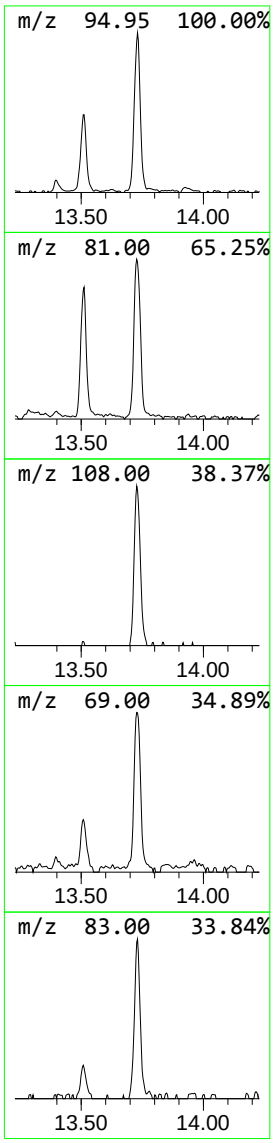
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (+)-2-Bornanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.730	1.24 ug/L	193436	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
4	Camphor	152	C10H16O	000076-22-2	97
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

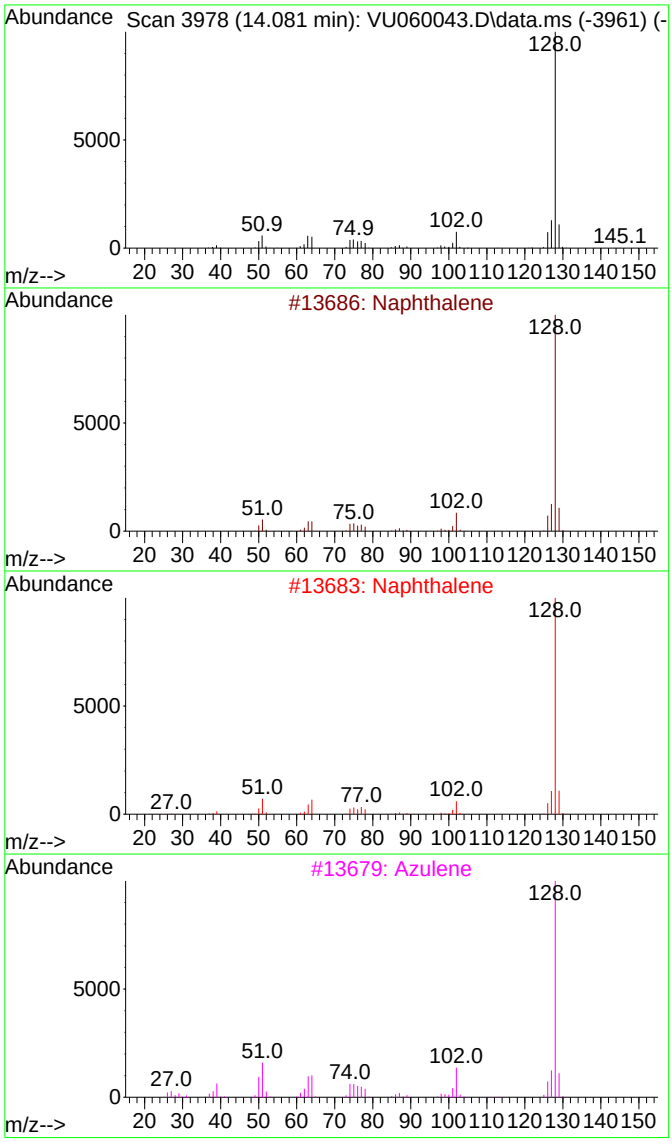
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

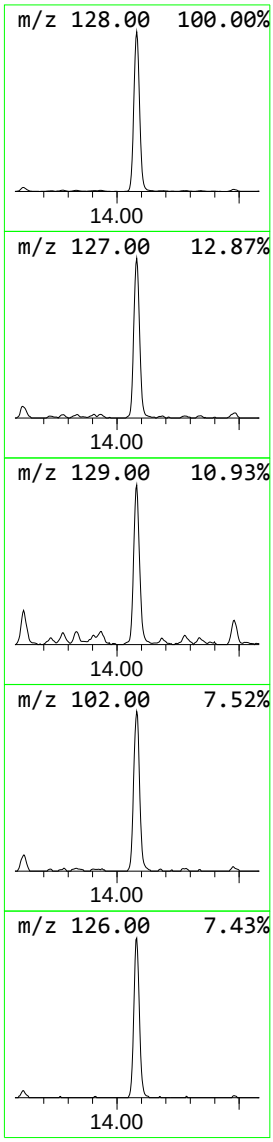
****

Peak Number 19 Azulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	4.09 ug/L	636738	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	91
4	Naphthalene	128	C10H8	000091-20-3	91
5	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

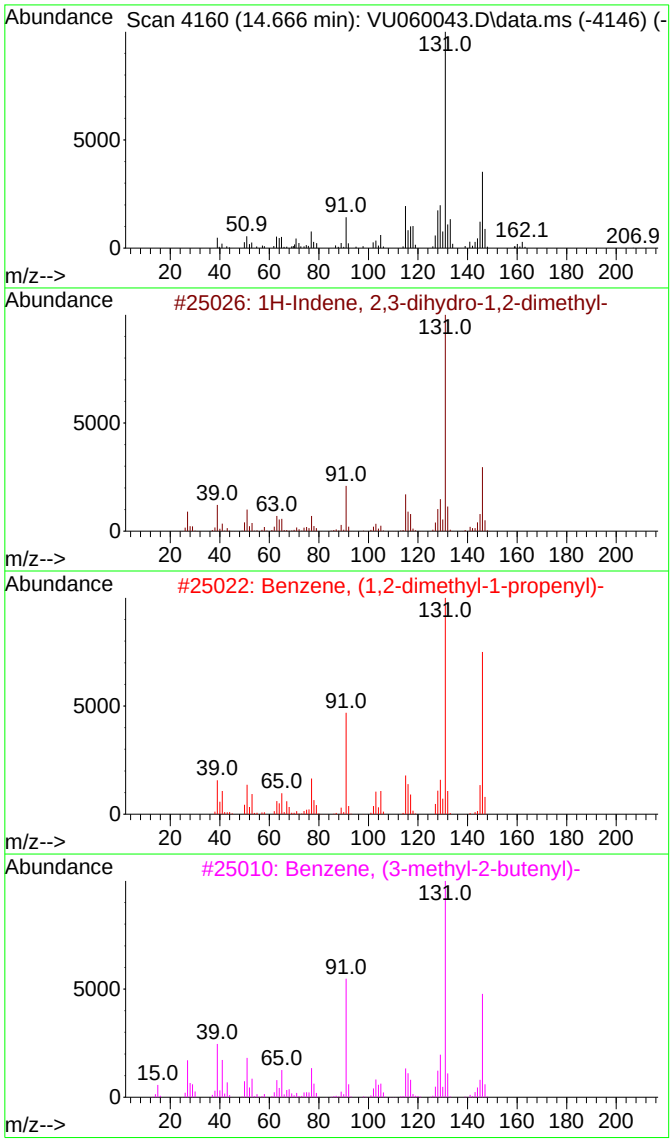
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

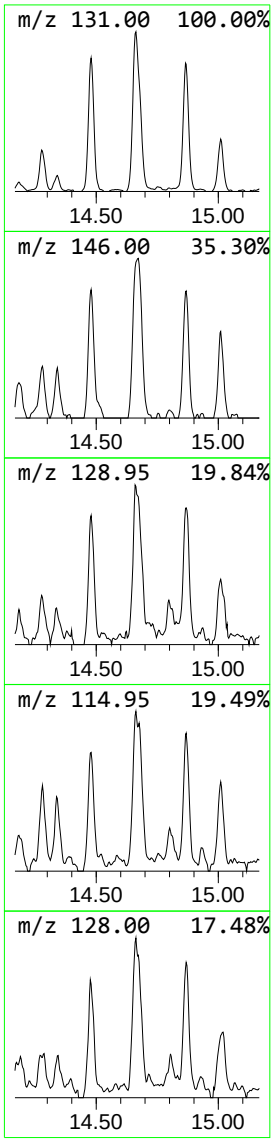
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.666	1.14 ug/L	176835	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060043.D
Acq On : 19 Jul 2024 01:57
Operator : MD/SY
Sample : P3244-01 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.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
Benzene, propyl-	10.901	1.0	ug/L	159321	3	11.807	777911	5.0
Benzene, 1-ethy...	10.991	6.8	ug/L	1062630	3	11.807	777911	5.0
Benzene, 1-ethy...	11.287	3.5	ug/L	546309	3	11.807	777911	5.0
7-Oxabicyclo[2....	11.631	2.0	ug/L	313786	3	11.807	777911	5.0
Benzene, 1,2,3-...	11.888	8.3	ug/L	1295510	3	11.807	777911	5.0
Benzene, cyclop...	12.090	2.1	ug/L	331401	3	11.807	777911	5.0
Benzene, 1-meth...	12.370	0.8	ug/L	127891	3	11.807	777911	5.0
Benzene, 2-ethy...	12.457	0.9	ug/L	134461	3	11.807	777911	5.0
p-Cymene	12.489	1.0	ug/L	159706	3	11.807	777911	5.0
Benzene, 1-ethy...	12.566	1.1	ug/L	162689	3	11.807	777911	5.0
Indan, 1-methyl-	12.676	1.6	ug/L	249491	3	11.807	777911	5.0
Benzene, 4-ethy...	12.868	0.8	ug/L	122582	3	11.807	777911	5.0
Fenchone	12.942	0.9	ug/L	146802	3	11.807	777911	5.0
Benzene, 1,2,4,...	13.020	1.4	ug/L	223891	3	11.807	777911	5.0
1-Phenyl-1-butene	13.444	3.5	ug/L	541792	3	11.807	777911	5.0
Cyclohexanemeth...	13.508	1.0	ug/L	153089	3	11.807	777911	5.0
Naphthalene, 1,...	13.618	1.4	ug/L	220520	3	11.807	777911	5.0
(+)-2-Bornanone	13.730	1.2	ug/L	193436	3	11.807	777911	5.0
Azulene	14.081	4.1	ug/L	636738	3	11.807	777911	5.0
1H-Indene, 2,3-...	14.666	1.1	ug/L	176835	3	11.807	777911	5.0