LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051502.D
Acq On : 26 Oct 2022 15:09
Operator : JC/MD
Sample : N5270-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC8

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\SFAMUTR100722WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU051502.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.376	310	322	342	rBV	4480562	6728518	4.07%	1.280%
2	3.993	805	825	850	rBV	1851430	4713639	2.85%	0.897%
3	5.060	1140	1157	1213	rBV	1935396	5741298	3.47%	1.092%
4	5.781	1346	1381	1398	rBV2	54298415	124663226	75.42%	23.721%
5	9.446	2500	2521	2546	rBV	15527910	25944408	15.70%	4.937%
6	9.575	2546	2561	2583	rBV2	34510469	57025305	34.50%	10.851%
7	9.706	2584	2602	2615	rBV3	84596352	165287367	100.00%	31.451%
8	10.102	2709	2725	2757	rVB	21242936	34378366	20.80%	6.542%
9	10.481	2826	2843	2855	rBV	7458839	12009558	7.27%	2.285%
10	10.800	2933	2942	2954	rVB	4859738	6997011	4.23%	1.331%
11	10.902	2958	2974	2992	rVB	3674578	7166958	4.34%	1.364%
12	10.996	2992	3003	3020	rBV	2295832	4616639	2.79%	0.878%
13	11.086	3021	3031	3045	rVB	2704139	4076088	2.47%	0.776%
14	11.288	3083	3094	3115	rVB	3688670	6059835	3.67%	1.153%
15	11.468	3136	3150	3170	rVB	17044323	26290792	15.91%	5.003%
16	11.890	3271	3281	3296	rVB	7779631	12564408	7.60%	2.391%
17	12.092	3331	3344	3362	rVB	5505236	8765143	5.30%	1.668%
18	12.192	3362	3375	3396	rVB5	854271	2238433	1.35%	0.426%
19	12.568	3483	3492	3500	rBV	1164105	1721841	1.04%	0.328%
20	12.774	3545	3556	3563	rBV	1582655	2453721	1.48%	0.467%
21	12.822	3563	3571	3581	rVB	2850998	4327042	2.62%	0.823%
22	12.970	3601	3617	3626	rBV2	954062	1770868	1.07%	0.337%

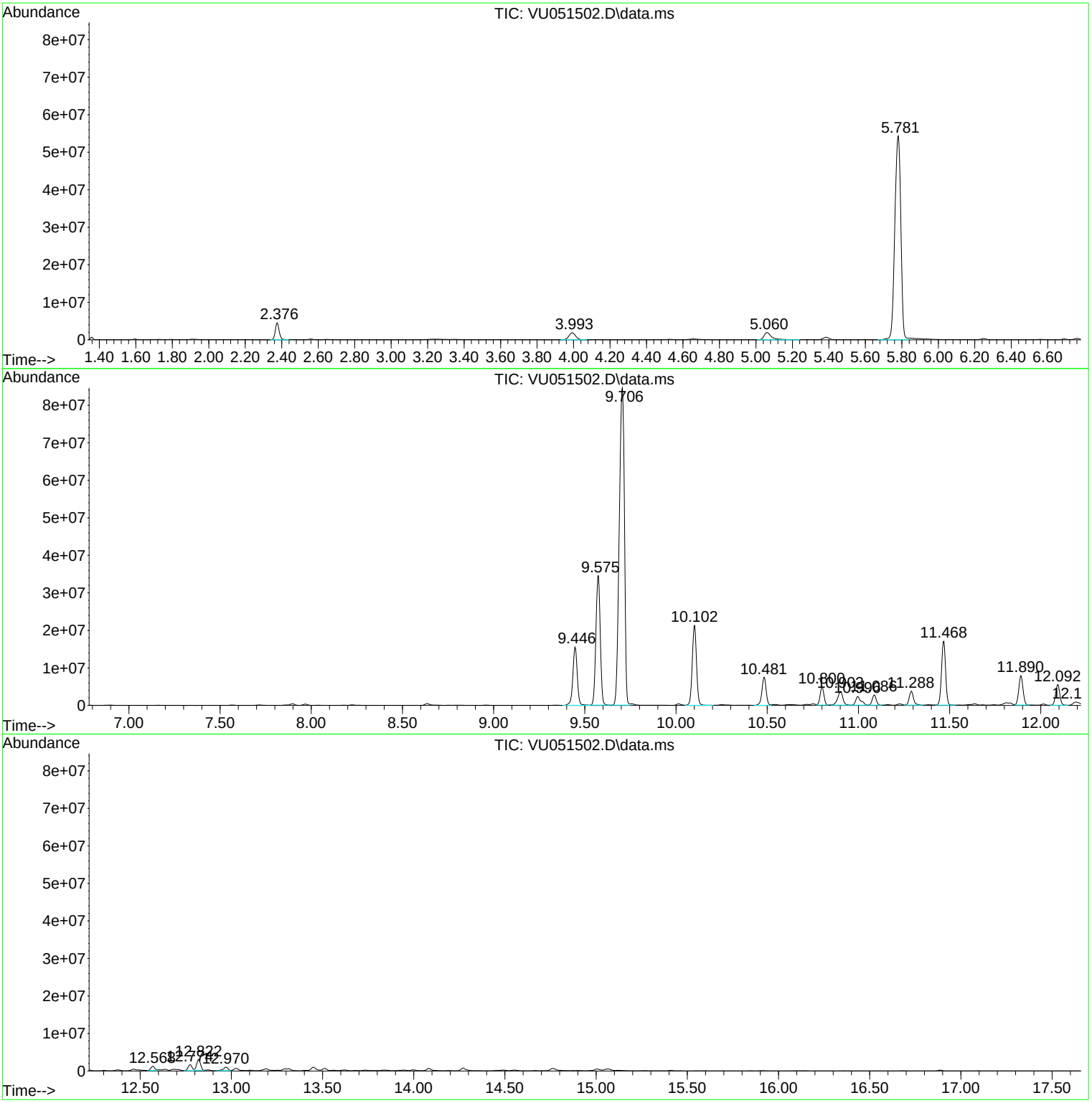
Sum of corrected areas: 525540464

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051502.D
Acq On : 26 Oct 2022 15:09
Operator : JC/MD
Sample : N5270-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.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\VU102622\
Data File : VU051502.D
Acq On : 26 Oct 2022 15:09
Operator : JC/MD
Sample : N5270-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

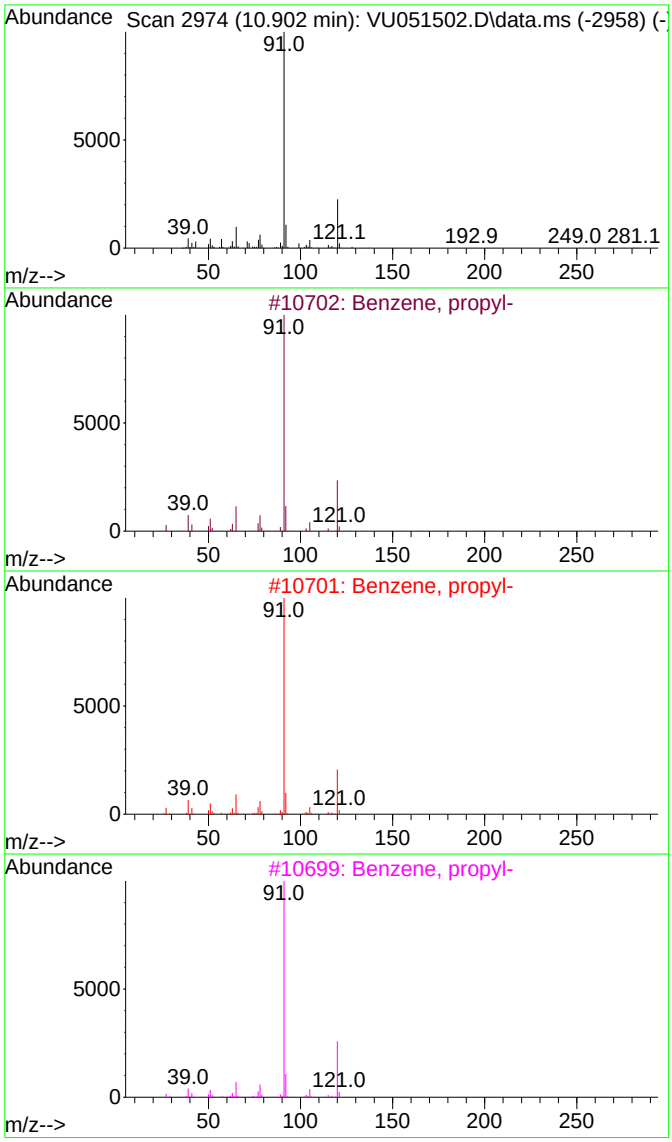
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

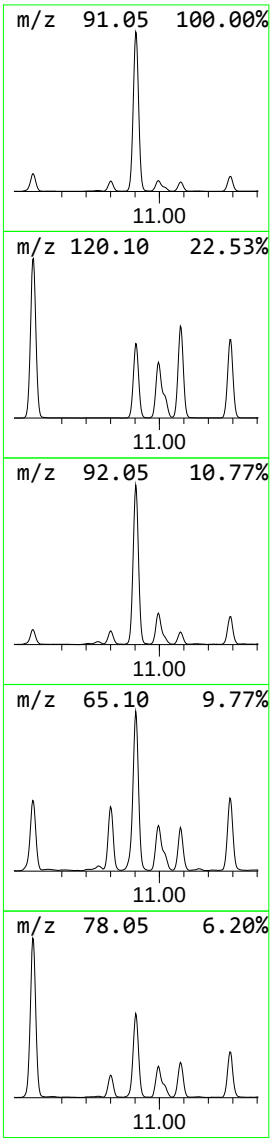
****

Peak Number 1 Benzene, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.903	2.85 ug/L	7166960	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051502.D
Acq On : 26 Oct 2022 15:09
Operator : JC/MD
Sample : N5270-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC8

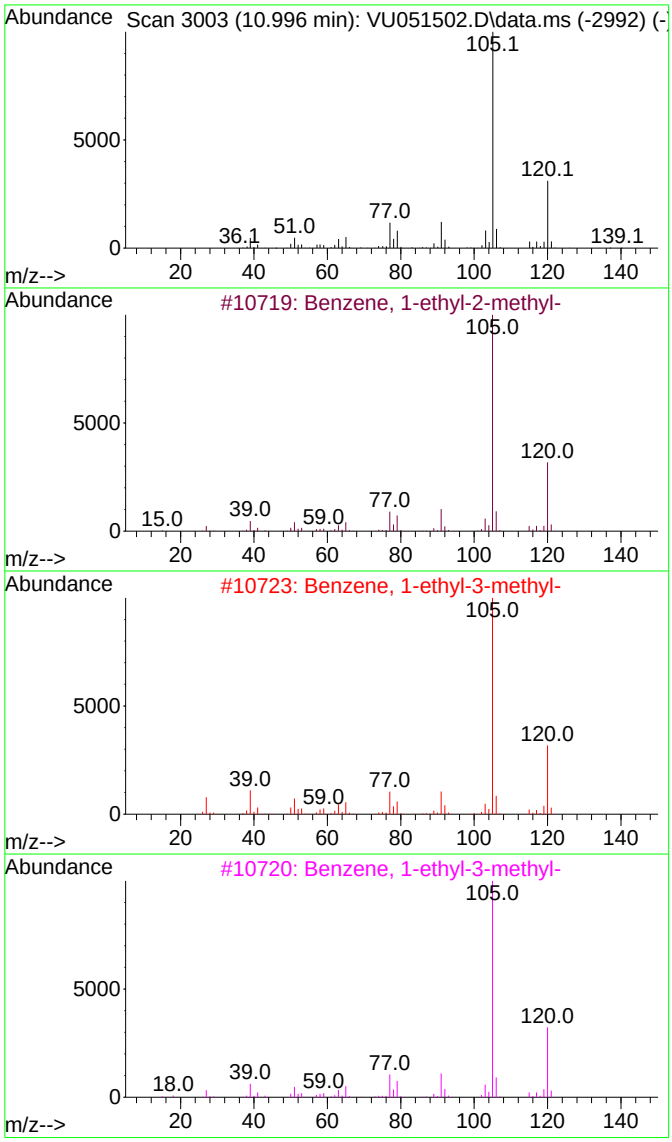
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

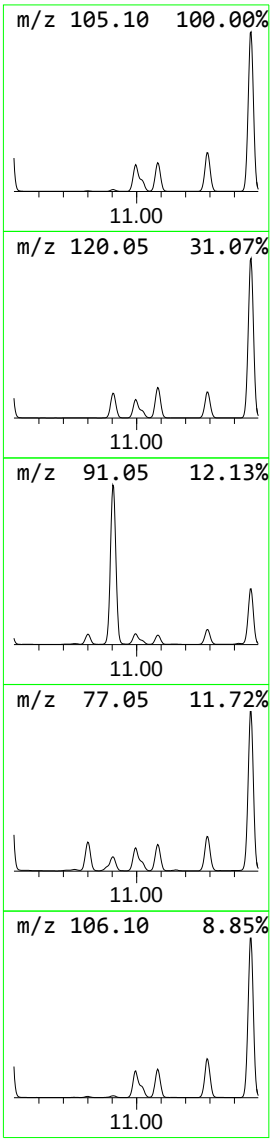
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.996	1.84 ug/L	4616640	1,4-Dichlorobenzene-d4	11.809

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	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051502.D
Acq On : 26 Oct 2022 15:09
Operator : JC/MD
Sample : N5270-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC8

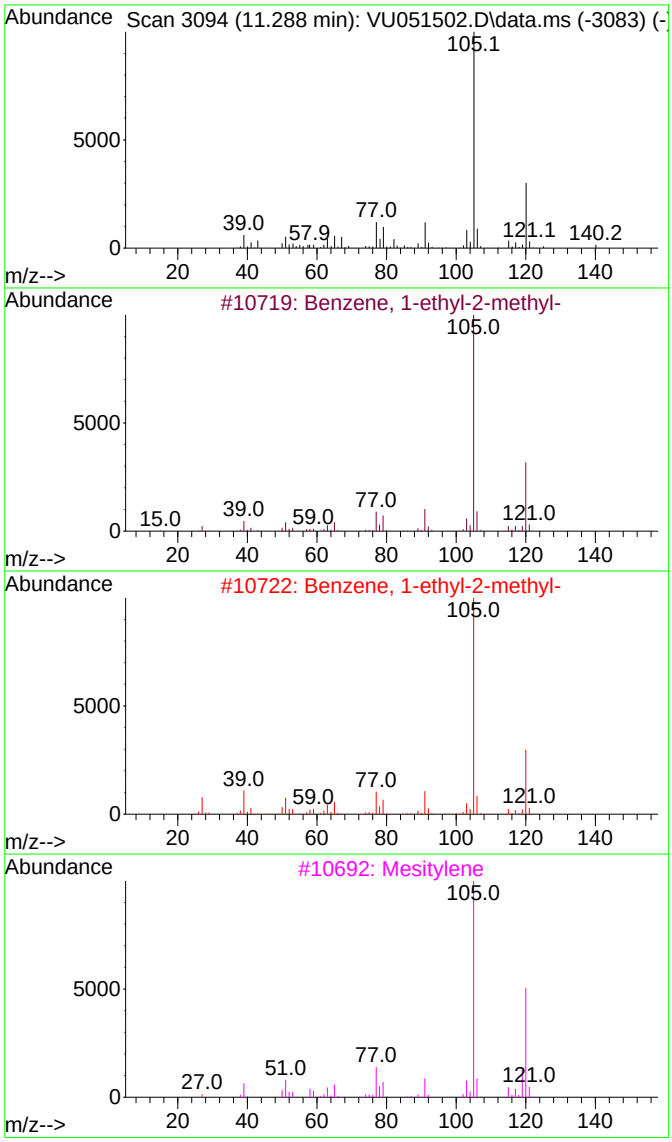
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

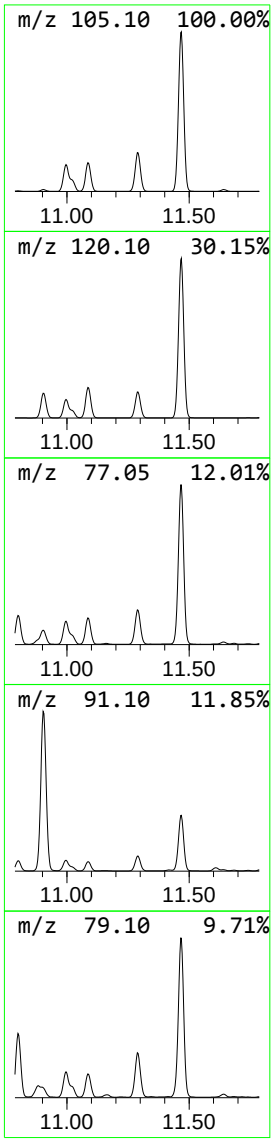
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.288	2.41 ug/L	6059840	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051502.D
Acq On : 26 Oct 2022 15:09
Operator : JC/MD
Sample : N5270-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC8

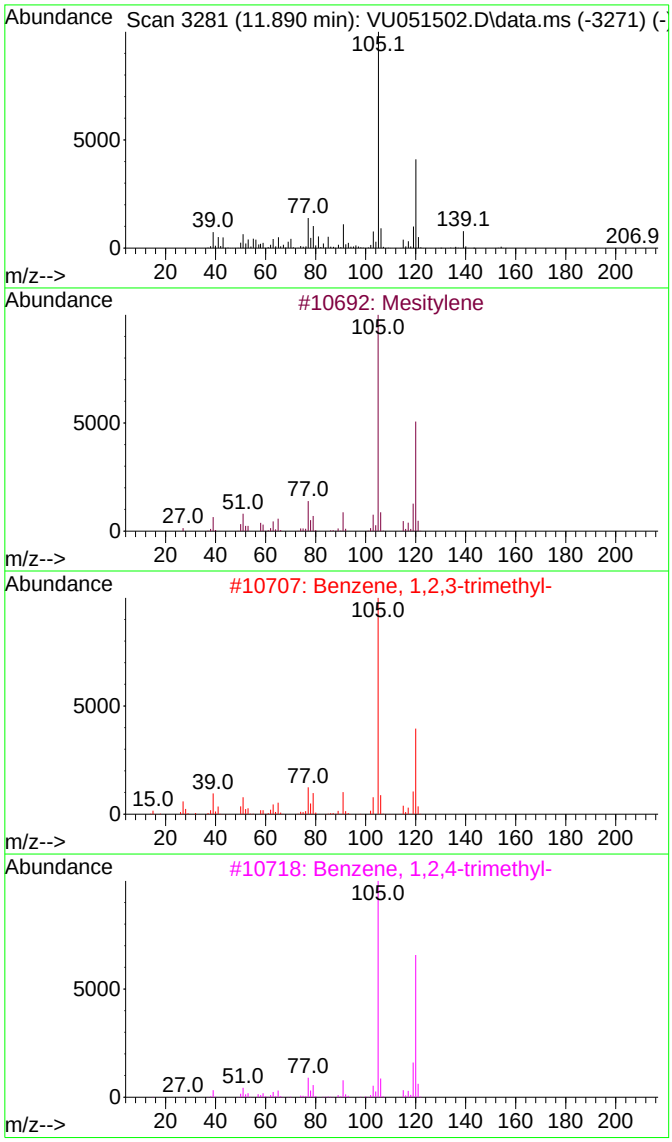
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

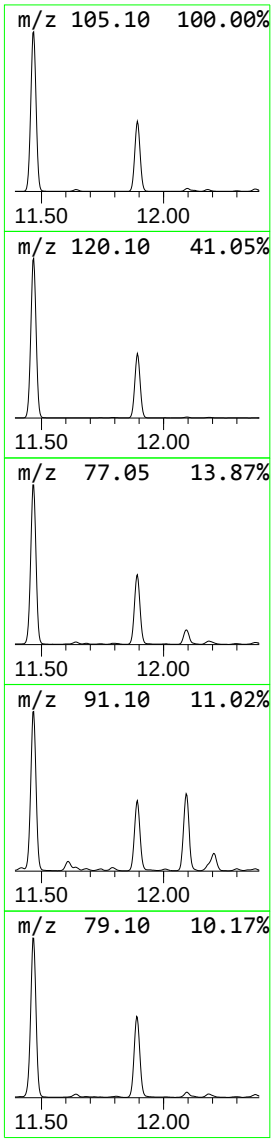
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.890	5.00 ug/L	12564400	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051502.D
Acq On : 26 Oct 2022 15:09
Operator : JC/MD
Sample : N5270-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC8

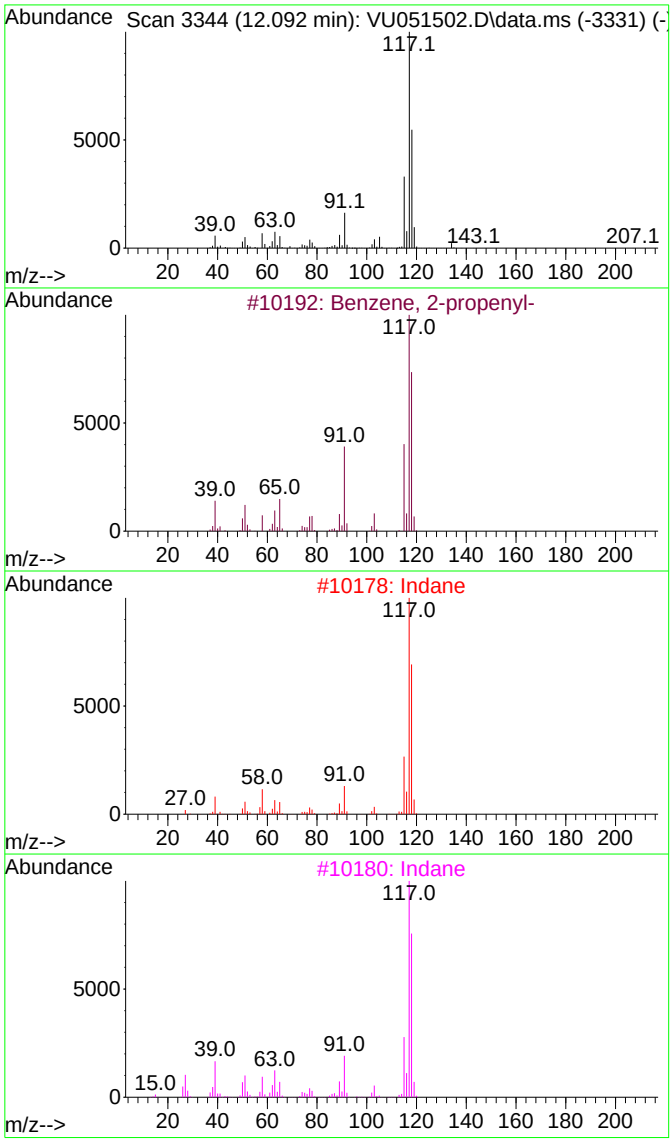
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

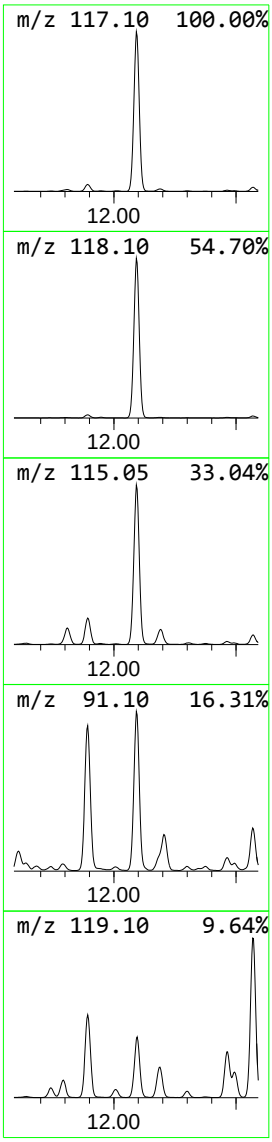
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	3.49 ug/L	8765140	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
2	Indane	118	C9H10	000496-11-7	83
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Indane	118	C9H10	000496-11-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051502.D
Acq On : 26 Oct 2022 15:09
Operator : JC/MD
Sample : N5270-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC8

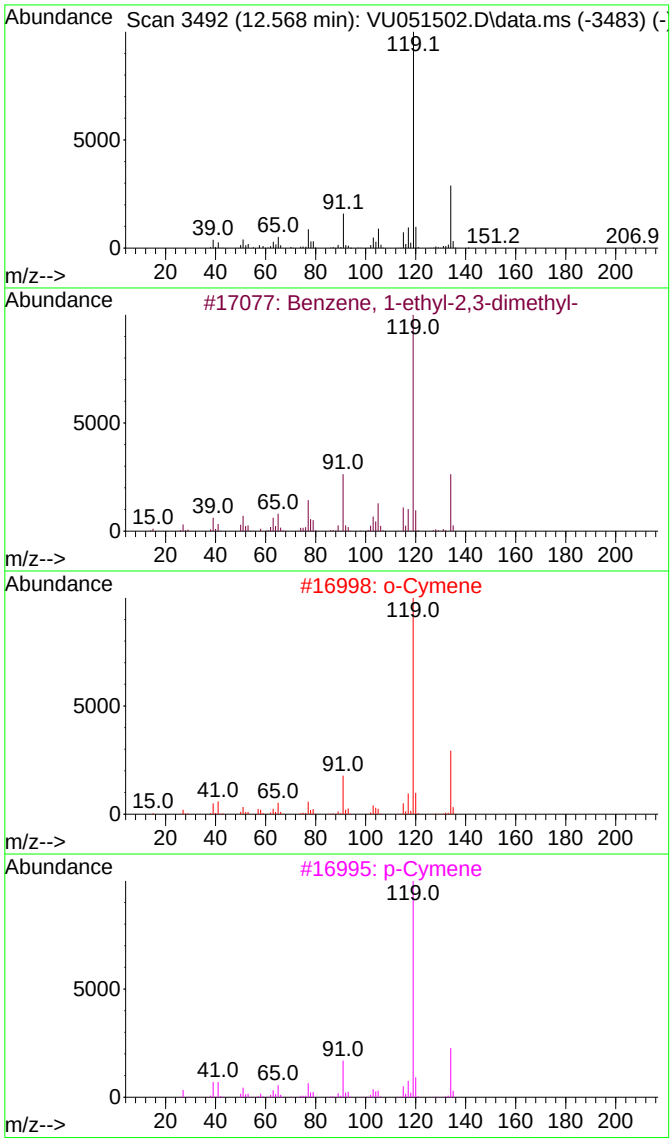
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

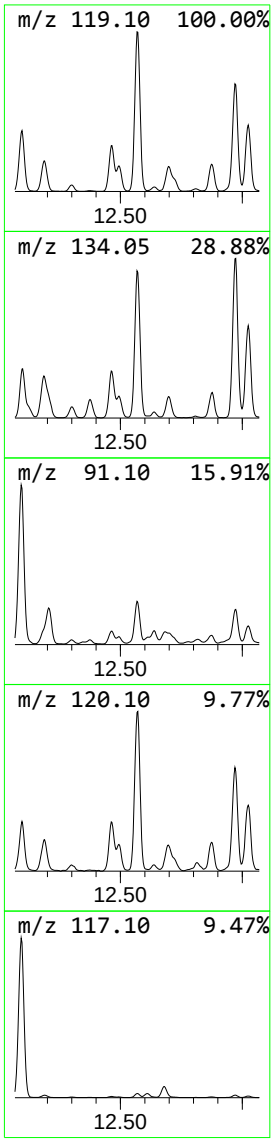
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	0.69 ug/L	1721840	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051502.D
Acq On : 26 Oct 2022 15:09
Operator : JC/MD
Sample : N5270-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC8

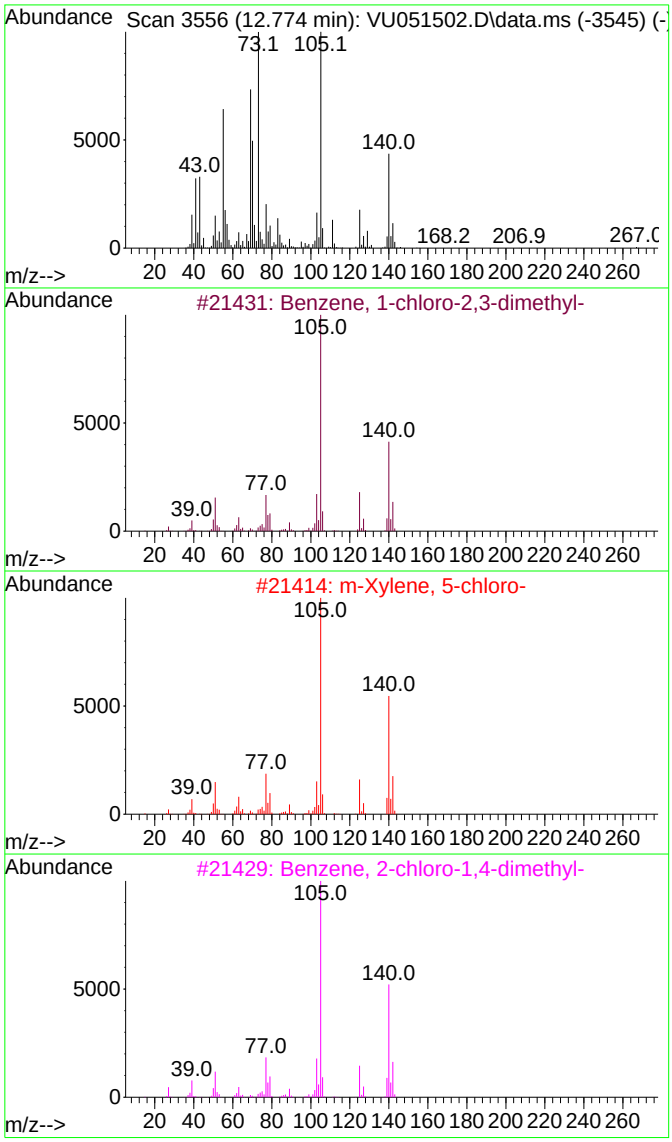
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

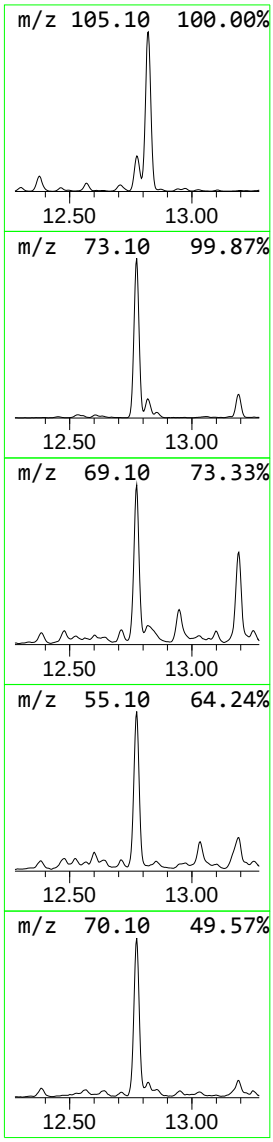
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-chloro-2,3-dimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.774	0.98 ug/L	2453720	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2,3-dimethyl-	140	C8H9Cl	000608-23-1	93
2	m-Xylene, 5-chloro-	140	C8H9Cl	000556-97-8	84
3	Benzene, 2-chloro-1,4-dimethyl-	140	C8H9Cl	000095-72-7	83
4	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	53
5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051502.D
Acq On : 26 Oct 2022 15:09
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Sample : N5270-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC8

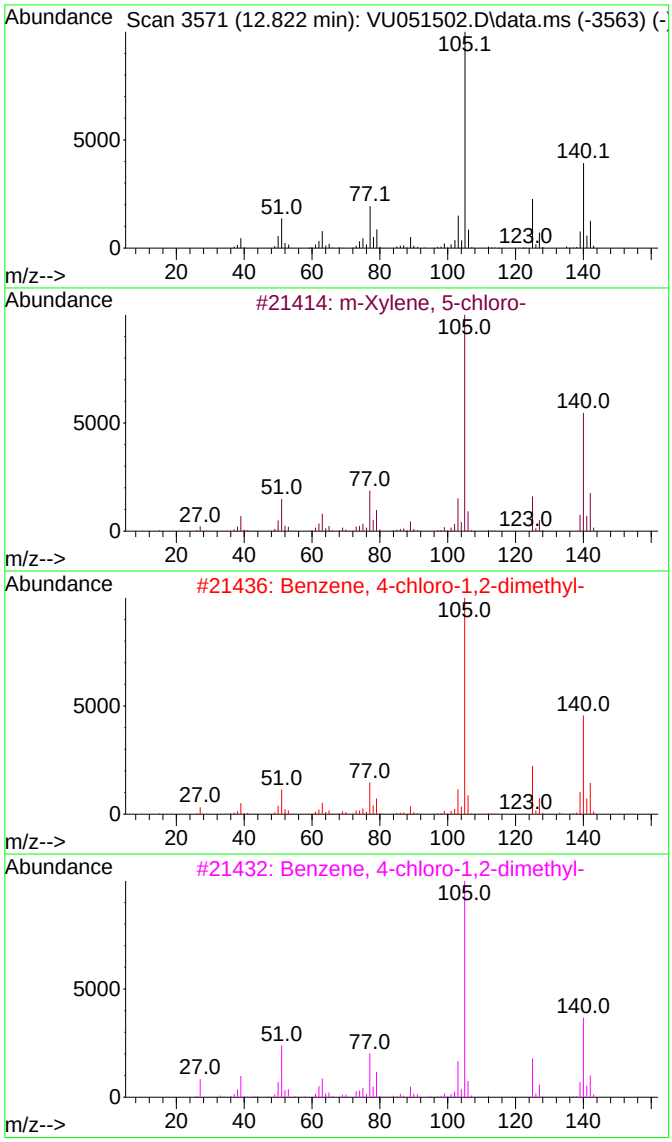
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

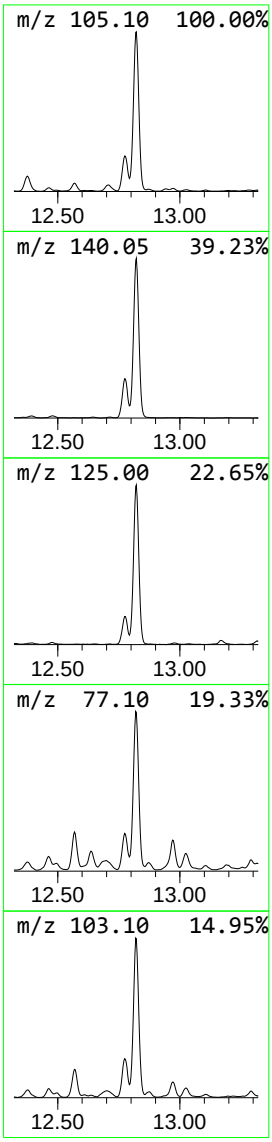
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 m-Xylene, 5-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.822	1.72 ug/L	4327040	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Xylene, 5-chloro-	140	C8H9Cl	000556-97-8	96
2	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	95
3	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	94
4	Benzene, 1-chloro-2,3-dimethyl-	140	C8H9Cl	000608-23-1	94
5	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	94





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Data File : VU051502.D
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Operator : JC/MD
Sample : N5270-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC8

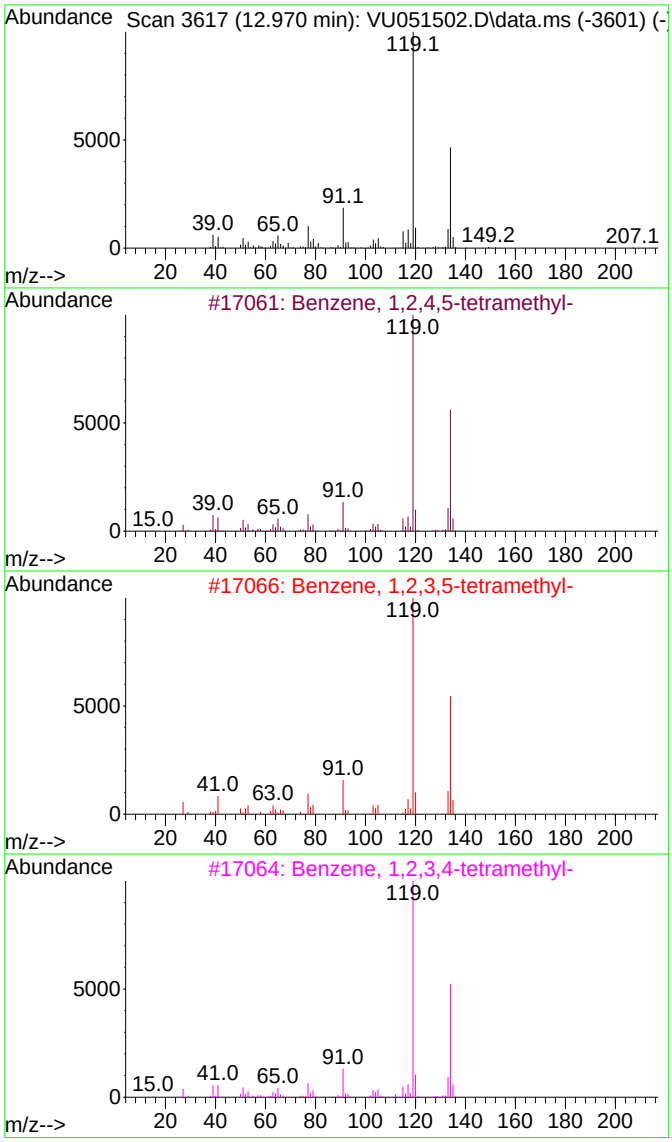
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

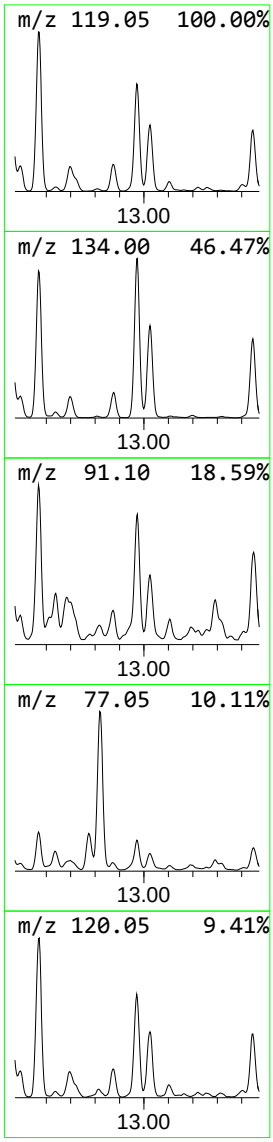
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	0.70 ug/L	1770870	1,4-Dichlorobenzene-d4	11.809

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051502.D
Acq On : 26 Oct 2022 15:09
Operator : JC/MD
Sample : N5270-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAC8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.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-	10.903	2.9	ug/L	7166960	3	11.809	12564400	5.0
Benzene, 1-ethy...	10.996	1.8	ug/L	4616640	3	11.809	12564400	5.0
Benzene, 1-ethy...	11.288	2.4	ug/L	6059840	3	11.809	12564400	5.0
Benzene, 1,2,3-...	11.890	5.0	ug/L	12564400	3	11.809	12564400	5.0
Benzene, 2-prop...	12.092	3.5	ug/L	8765140	3	11.809	12564400	5.0
Benzene, 1-ethy...	12.568	0.7	ug/L	1721840	3	11.809	12564400	5.0
Benzene, 1-chlo...	12.774	1.0	ug/L	2453720	3	11.809	12564400	5.0
m-Xylene, 5-chl...	12.822	1.7	ug/L	4327040	3	11.809	12564400	5.0
Benzene, 1,2,4,...	12.970	0.7	ug/L	1770870	3	11.809	12564400	5.0