LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
Data File : VU061719.D
Acq On : 15 Nov 2024 14:34
Operator : MD/SY
Sample : P4800-11
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPB2

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\SFAMUTR111324WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU061719.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.490	56	62	68	rBV	14594	14501	2.54%	0.227%
2	1.596	84	95	104	rBV2	79506	102260	17.88%	1.598%
3	1.647	105	111	118	rVV	9747	12239	2.14%	0.191%
4	1.727	130	136	147	rVB	6359	7174	1.25%	0.112%
5	1.908	182	192	207	rVB	76691	106940	18.70%	1.671%
6	1.988	210	217	226	rVB2	10557	15343	2.68%	0.240%
7	2.560	378	395	410	rBV	117754	203771	35.63%	3.184%
8	2.634	410	418	440	rVB	14589	30795	5.38%	0.481%
9	3.036	527	543	558	rVB5	10261	23937	4.18%	0.374%
10	3.136	558	574	581	rBV5	3256	8289	1.45%	0.130%
11	4.624	1025	1037	1070	rBV2	73292	238691	41.73%	3.729%
12	5.052	1155	1170	1197	rBV	105502	238169	41.64%	3.721%
13	5.718	1357	1377	1390	rBV2	218301	571983	100.00%	8.937%
14	5.891	1417	1431	1443	rVB8	5419	13029	2.28%	0.204%
15	6.242	1527	1540	1575	rBV	194120	387718	67.78%	6.058%
16	6.534	1619	1631	1658	rBV	160335	312133	54.57%	4.877%
17	6.682	1664	1677	1701	rBV	130380	259896	45.44%	4.061%
18	7.560	1939	1950	1969	rBV	58305	108018	18.88%	1.688%
19	7.891	2040	2053	2075	rBV	269394	487294	85.19%	7.613%
20	8.174	2131	2141	2160	rBV2	32813	60817	10.63%	0.950%
21	8.544	2244	2256	2272	rBV	299822	517885	90.54%	8.091%
22	8.628	2272	2282	2323	rVV2	257784	541391	94.65%	8.459%
23	8.791	2324	2333	2351	rVB8	4691	10889	1.90%	0.170%
24	9.409	2513	2525	2558	rBV	275741	488041	85.32%	7.625%
25	9.695	2604	2614	2624	rBV3	3827	6804	1.19%	0.106%
26	9.753	2624	2632	2673	rVV3	20923	69696	12.18%	1.089%
27	10.097	2728	2739	2746	rBV2	8672	14972	2.62%	0.234%
28	10.348	2807	2817	2833	rBV6	3188	7003	1.22%	0.109%
29	10.476	2849	2857	2872	rVB2	4065	5787	1.01%	0.090%
30	10.746	2930	2941	2956	rBV	100548	164522	28.76%	2.570%
31	11.287	3097	3109	3122	rBV	13146	20829	3.64%	0.325%
32	11.804	3259	3270	3286	rBV	263053	432982	75.70%	6.765%
33	11.888	3287	3296	3309	rVB	59668	95156	16.64%	1.487%
34	12.184	3377	3388	3404	rBV	250050	411241	71.90%	6.425%
35	12.479	3470	3480	3492	rBV3	7401	12444	2.18%	0.194%
36	12.563	3494	3506	3521	rVV6	6374	13724	2.40%	0.214%

LSC Area Percent Report

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Sample : P4800-11
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPB2

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\SFAMUTR111324WMA.M
Title : TRACE VOA SFAM1.0

37	12.676	3530	3541	3556	rBV2	53915	99623	17.42%	1.556%
38	12.868	3591	3601	3616	rVB	11444	20100	3.51%	0.314%
39	12.965	3623	3631	3639	rBV	7992	10985	1.92%	0.172%
40	13.020	3639	3648	3659	rVB	41592	64245	11.23%	1.004%
41	13.193	3692	3702	3712	rBV2	4652	6380	1.12%	0.100%
42	13.438	3767	3778	3791	rBV	53777	84332	14.74%	1.318%
43	13.518	3795	3803	3812	rVV5	4284	6521	1.14%	0.102%
44	13.778	3874	3884	3894	rBV2	5793	9403	1.64%	0.147%
45	13.933	3924	3932	3945	rVB4	16439	30913	5.40%	0.483%
46	14.206	4005	4017	4032	rBV	15927	28733	5.02%	0.449%
47	15.171	4309	4317	4328	rBV2	3848	6307	1.10%	0.099%
48	15.418	4383	4394	4410	rBV3	4035	8929	1.56%	0.140%
49	16.759	4804	4811	4823	rBV9	5440	7662	1.34%	0.120%

Sum of corrected areas: 6400496

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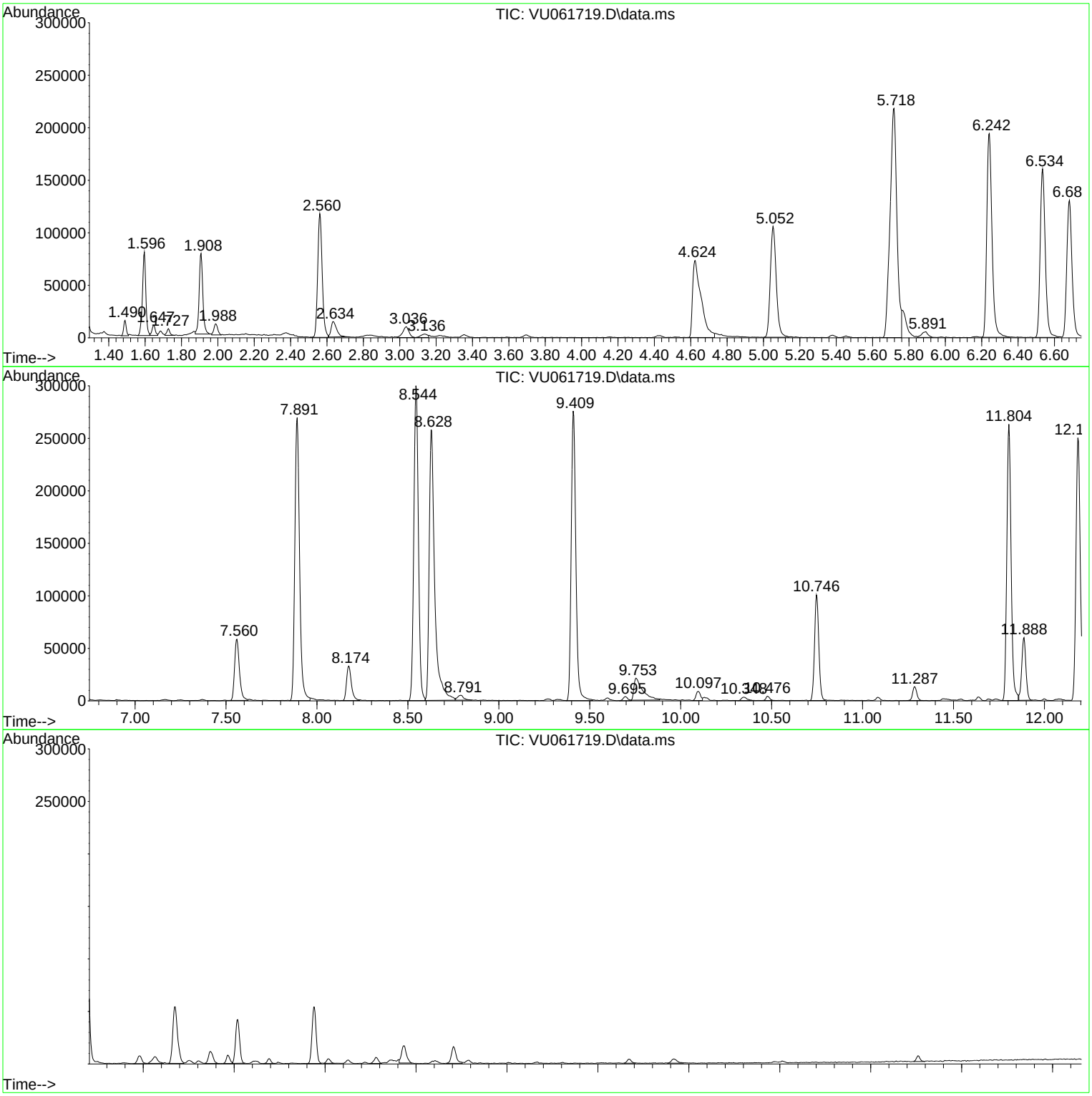
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPB2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.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\VU111524\
Data File : VU061719.D
Acq On : 15 Nov 2024 14:34
Operator : MD/SY
Sample : P4800-11
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPB2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

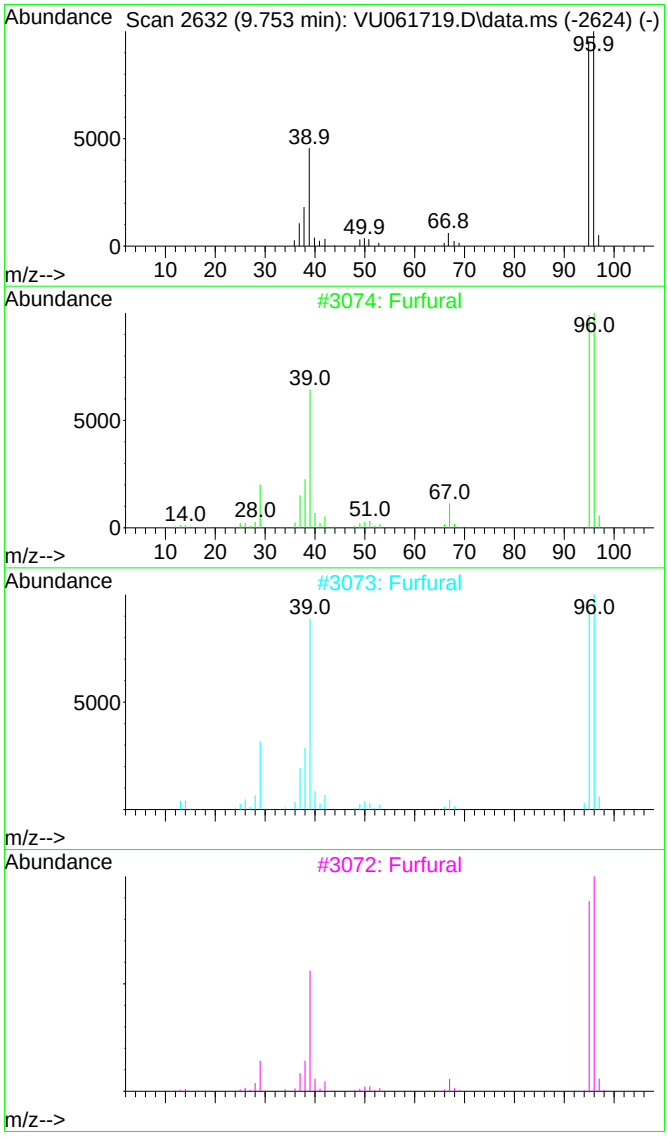
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

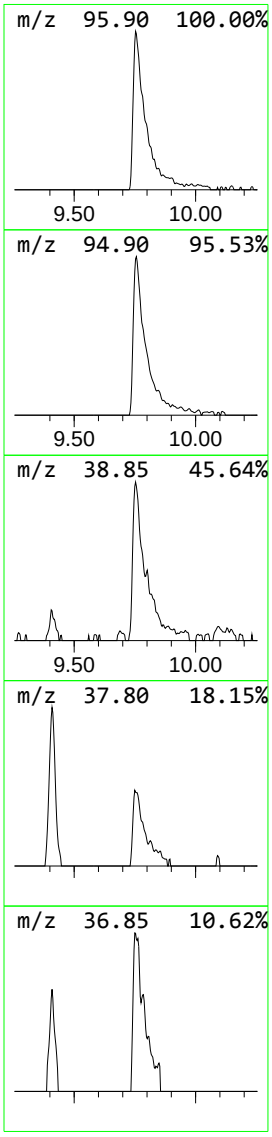
****

Peak Number 2 Furfural Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.753	0.71 ug/L	69696	Chlorobenzene-d5	9.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural	96	C5H4O2	000098-01-1	91
2	Furfural	96	C5H4O2	000098-01-1	91
3	Furfural	96	C5H4O2	000098-01-1	91
4	3-Furaldehyde	96	C5H4O2	000498-60-2	90
5	Furfural	96	C5H4O2	000098-01-1	72





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Data File : VU061719.D
Acq On : 15 Nov 2024 14:34
Operator : MD/SY
Sample : P4800-11
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPB2

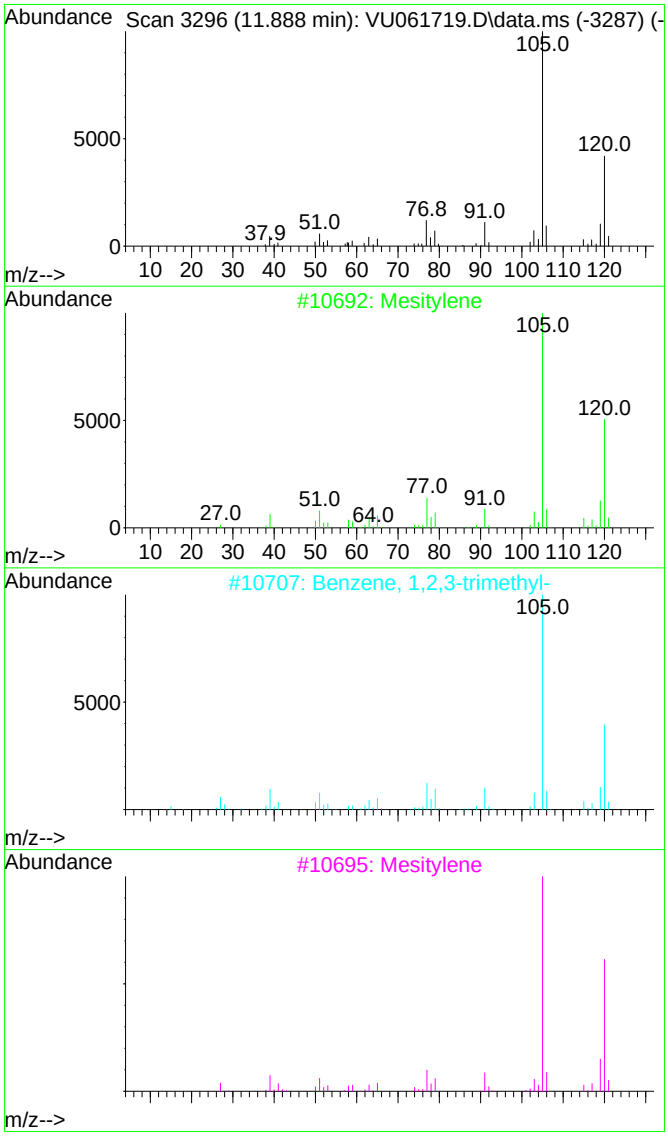
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

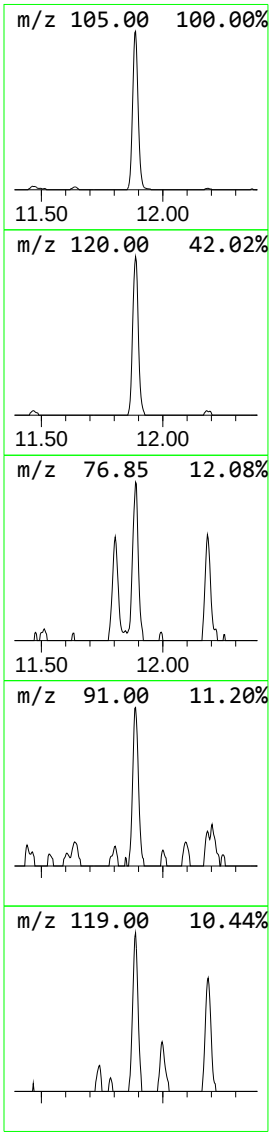
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	1.10 ug/L	95156	1,4-Dichlorobenzene-d4	11.804

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	97
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
Data File : VU061719.D
Acq On : 15 Nov 2024 14:34
Operator : MD/SY
Sample : P4800-11
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPB2

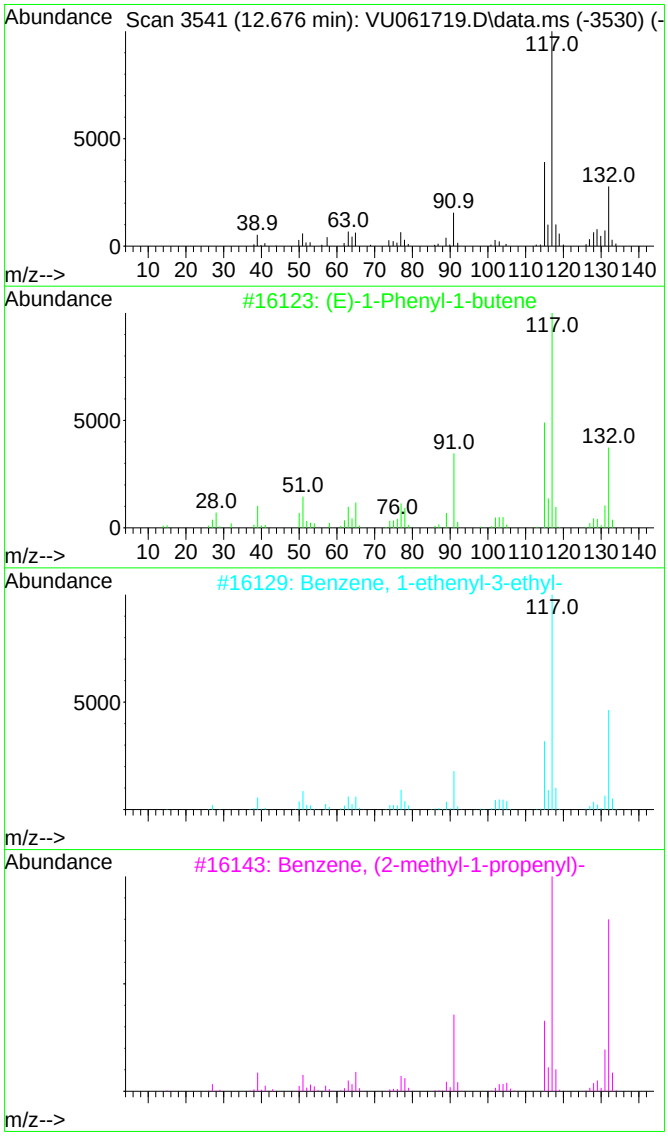
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

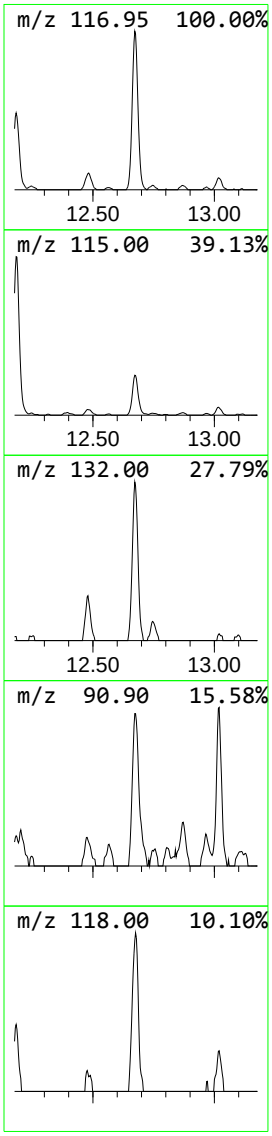
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (E)-1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.676	1.15 ug/L	99623	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
5	Indan, 1-methyl-	132	C10H12	000767-58-8	76





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Data File : VU061719.D
Acq On : 15 Nov 2024 14:34
Operator : MD/SY
Sample : P4800-11
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPB2

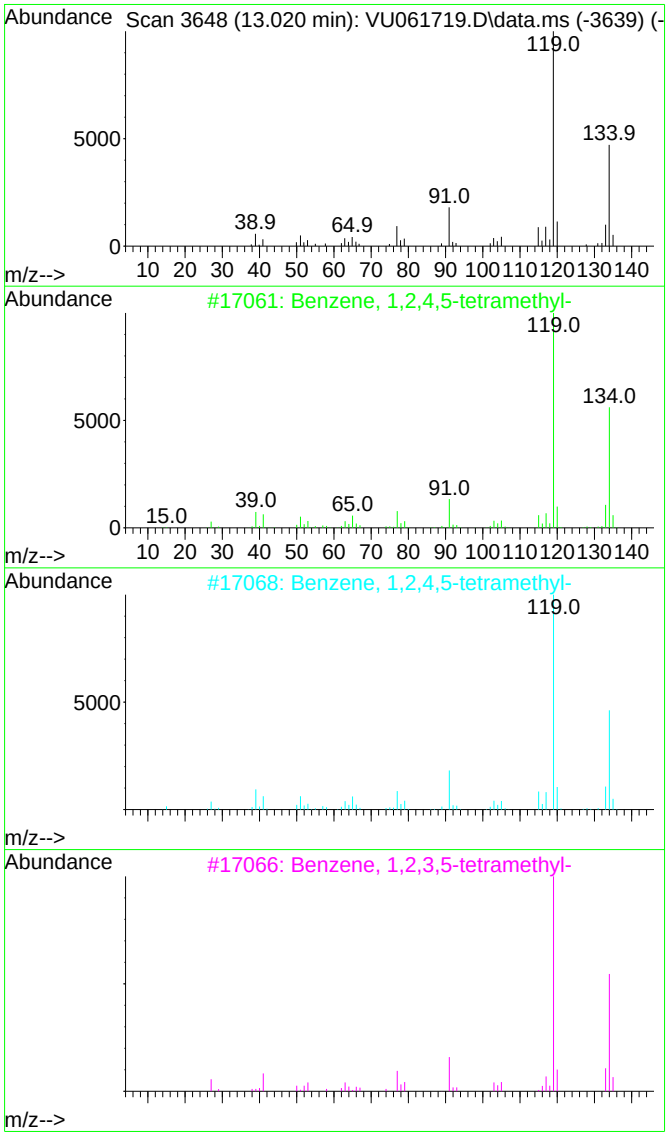
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

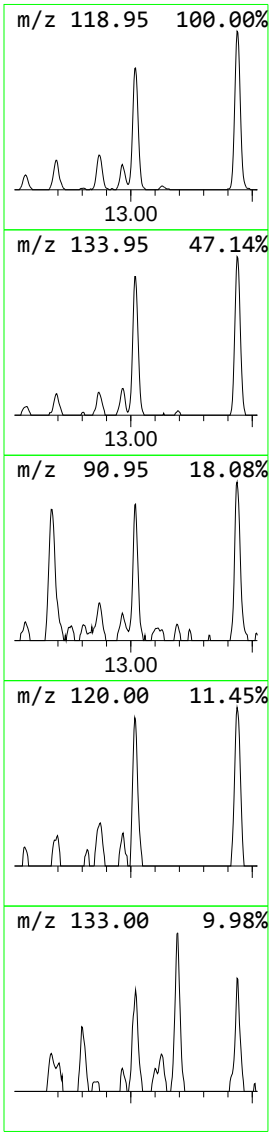
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.020	0.74 ug/L	64245	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPB2

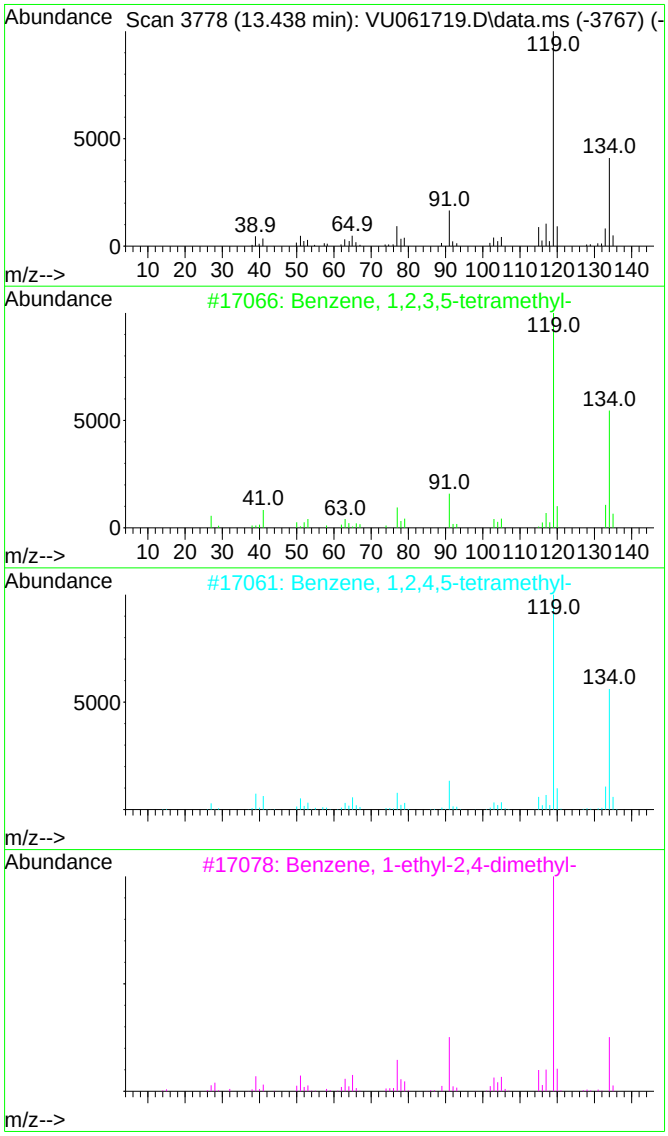
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

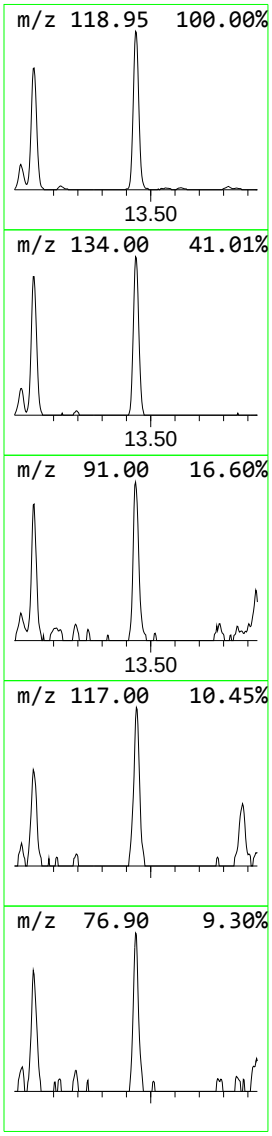
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	0.97 ug/L	84332	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Tentatively Identified Compound (LSC) summary

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MSVOA_U
ClientSampleId :
GCPB2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.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
Furfural	9.753	0.7	ug/L	69696	2	9.409	488041	5.0
Benzene, 1,2,3-...	11.888	1.1	ug/L	95156	3	11.804	432982	5.0
(E)-1-Phenyl-1-...	12.676	1.1	ug/L	99623	3	11.804	432982	5.0
Benzene, 1,2,4,...	13.020	0.7	ug/L	64245	3	11.804	432982	5.0
Benzene, 1,2,3,...	13.438	1.0	ug/L	84332	3	11.804	432982	5.0