LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
Data File : VU061718.D
Acq On : 15 Nov 2024 14:09
Operator : MD/SY
Sample : P4800-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPB1

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: VU061718.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.596	86	95	106	rBV	71355	81218	4.33%	1.126%
2	1.908	181	192	208	rVB	75408	104258	5.56%	1.446%
3	2.560	383	395	410	rBV	118185	199693	10.64%	2.769%
4	2.834	459	480	508	rBV2	10431	48706	2.60%	0.675%
5	4.624	1025	1037	1074	rBV	69912	220230	11.74%	3.054%
6	5.052	1156	1170	1194	rBV	102273	230718	12.30%	3.199%
7	5.718	1358	1377	1412	rBV2	213094	577518	30.78%	8.008%
8	6.242	1528	1540	1572	rBV	185977	363951	19.40%	5.047%
9	6.531	1616	1630	1664	rBV	982861	1876348	100.00%	26.018%
10	6.682	1664	1677	1700	rVB	127062	255525	13.62%	3.543%
11	7.560	1939	1950	1971	rBV	58654	109346	5.83%	1.516%
12	7.891	2037	2053	2080	rBV	264825	478232	25.49%	6.631%
13	8.174	2131	2141	2163	rBV2	32923	58848	3.14%	0.816%
14	8.547	2245	2257	2272	rBV	86554	150506	8.02%	2.087%
15	8.631	2272	2283	2320	rBV2	251258	529472	28.22%	7.342%
16	9.409	2512	2525	2555	rBV	263165	457856	24.40%	6.349%
17	9.753	2623	2632	2661	rBV4	31134	97357	5.19%	1.350%
18	10.746	2929	2941	2960	rBV	98625	162622	8.67%	2.255%
19	11.804	3259	3270	3287	rBV	246400	405086	21.59%	5.617%
20	11.888	3287	3296	3308	rVB	19781	31407	1.67%	0.435%
21	12.184	3376	3388	3408	rBV	238182	398613	21.24%	5.527%
22	12.676	3528	3541	3557	rBV3	25389	44473	2.37%	0.617%
23	13.020	3639	3648	3660	rVB	15676	24266	1.29%	0.336%
24	13.441	3768	3779	3791	rBV2	29589	44621	2.38%	0.619%
25	13.512	3791	3801	3820	rBV	69958	117163	6.24%	1.625%
26	13.621	3823	3835	3852	rVV	87249	143750	7.66%	1.993%

Sum of corrected areas: 7211783

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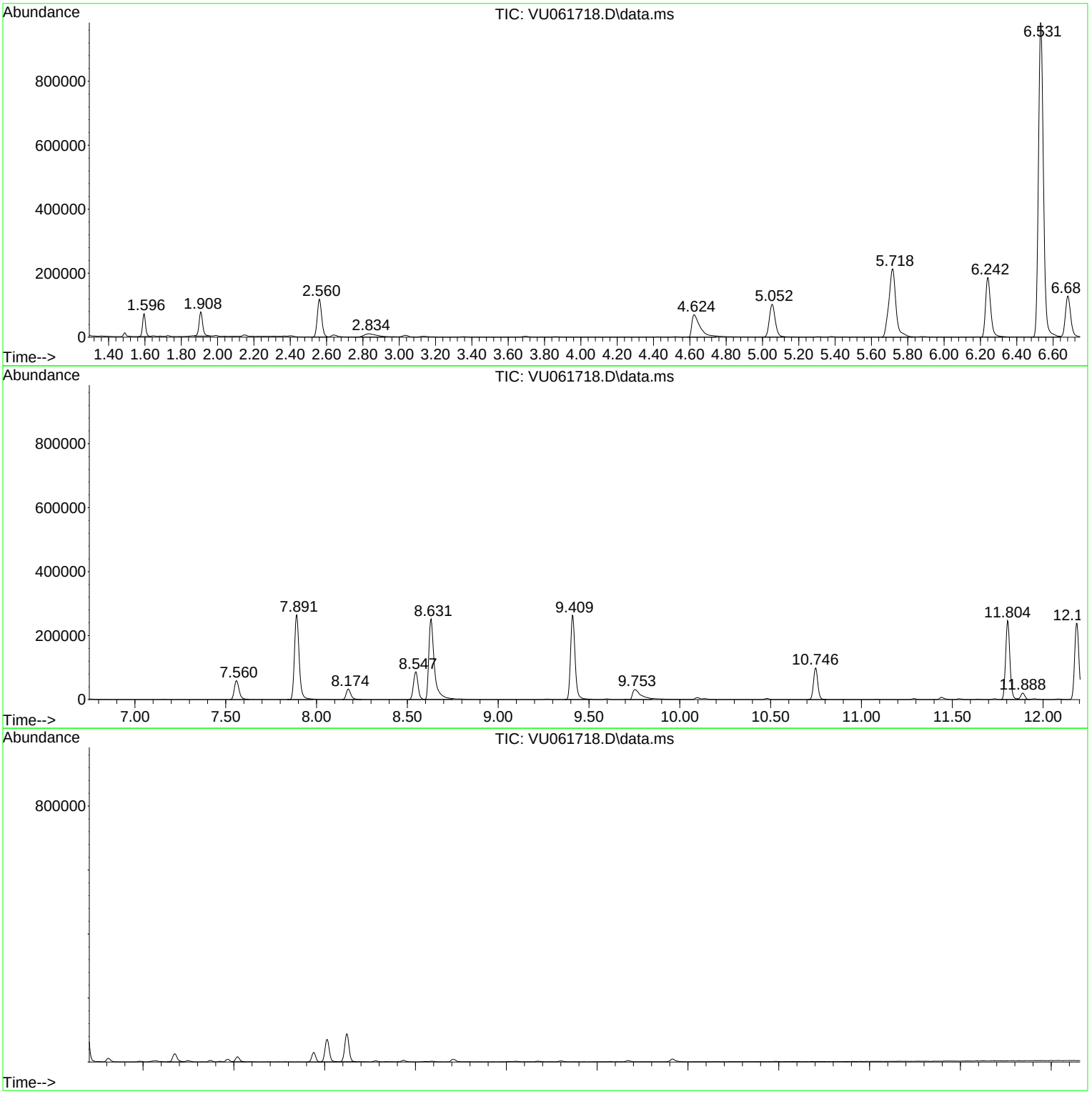
ClientSampleId :
GCPB1

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



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Operator : MD/SY
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Instrument :
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ClientSampleId :
GCPB1

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

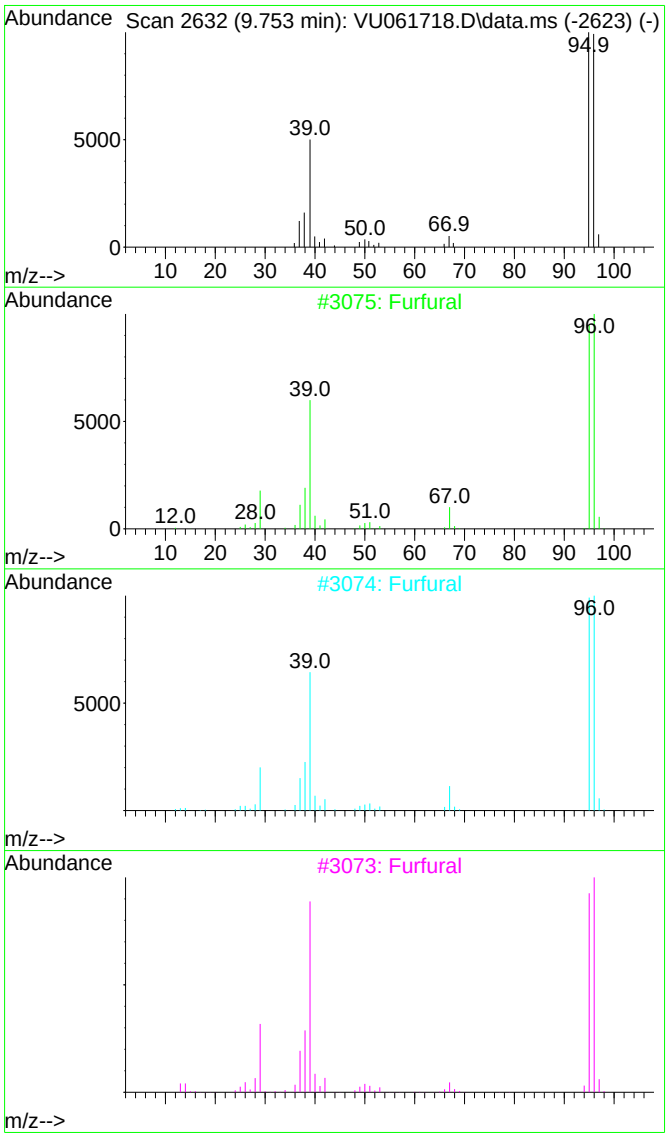
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

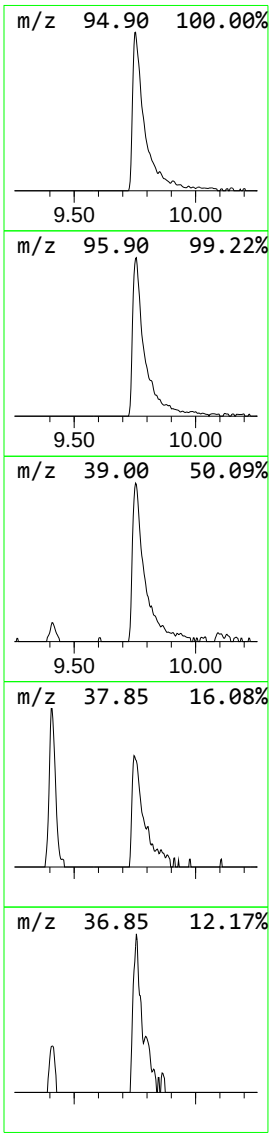
****

Peak Number 3 Furfural Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.753	1.06 ug/L	97357	Chlorobenzene-d5	9.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural	96	C5H4O2	000098-01-1	94
2	Furfural	96	C5H4O2	000098-01-1	94
3	Furfural	96	C5H4O2	000098-01-1	91
4	3-Furaldehyde	96	C5H4O2	000498-60-2	91
5	Furfural	96	C5H4O2	000098-01-1	91





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

Instrument :
MSVOA_U
ClientSampleId :
GCPB1

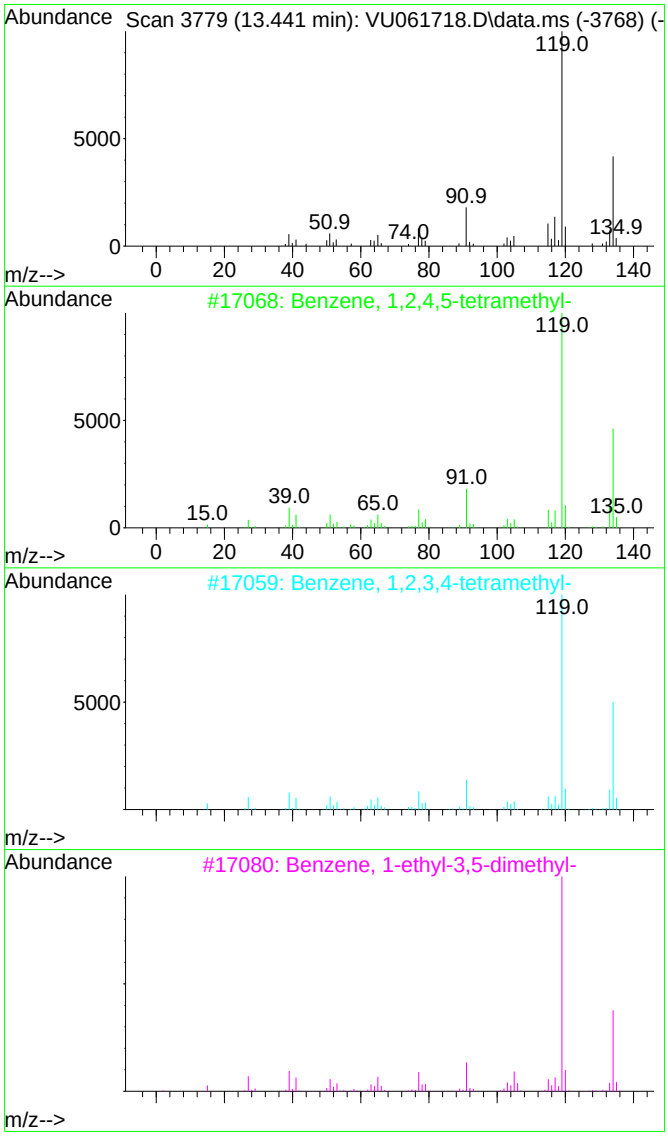
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

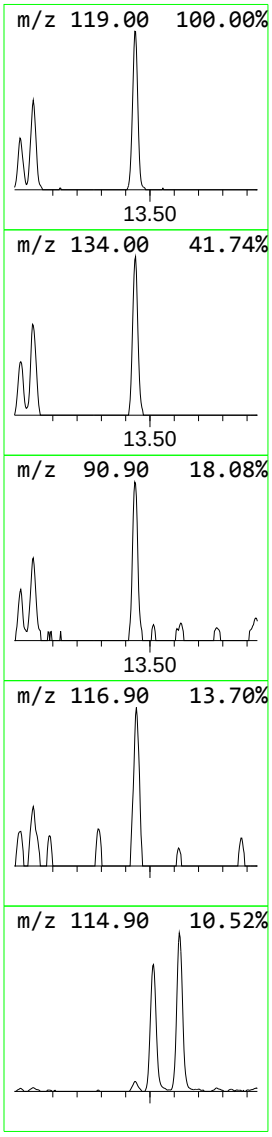
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.441	0.55 ug/L	44621	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	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	o-Cymene	134	C10H14	000527-84-4	91





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Operator : MD/SY
Sample : P4800-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPB1

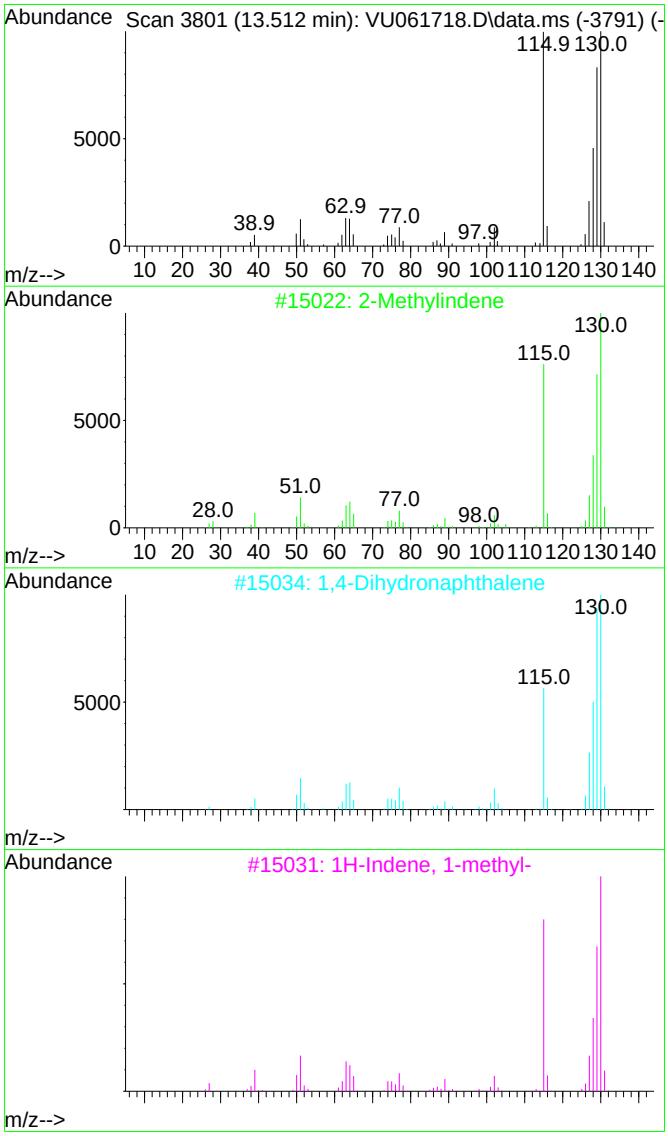
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

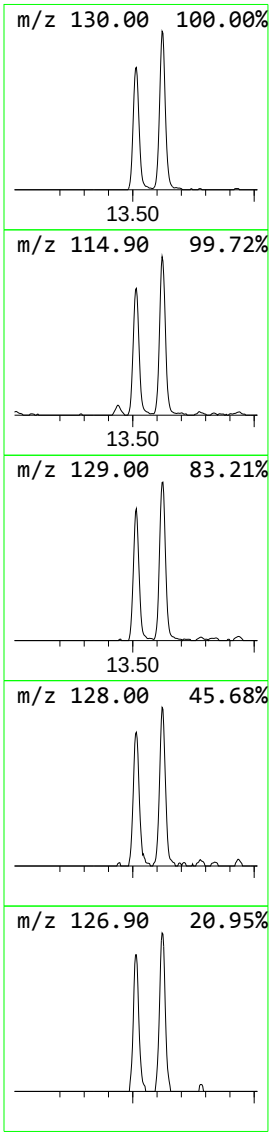
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Methylindene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.512	1.45 ug/L	117163	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPB1

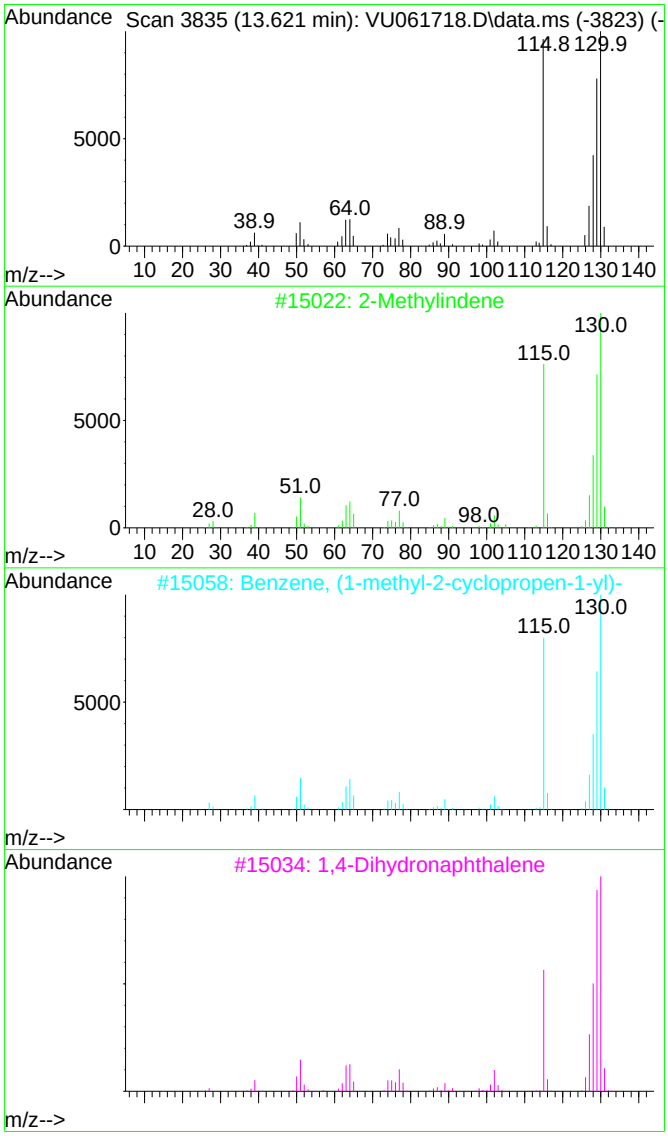
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

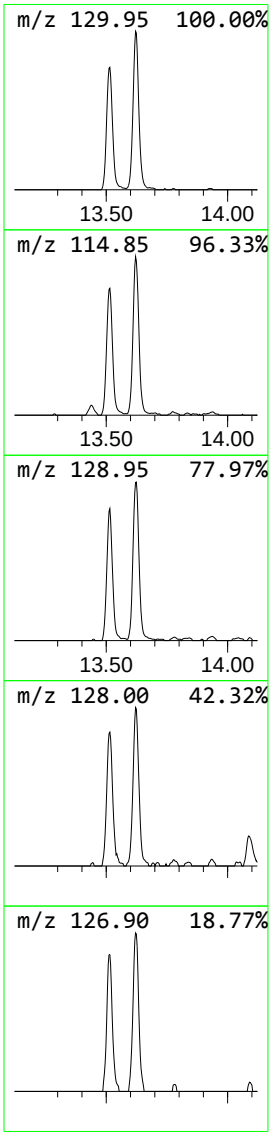
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1-methyl-2-cyclop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	1.77 ug/L	143750	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





Tentatively Identified Compound (LSC) summary

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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	1.1	ug/L	97357	2	9.409	457856	5.0
Benzene, 1,2,4,...	13.441	0.6	ug/L	44621	3	11.804	405086	5.0
2-Methylindene	13.512	1.5	ug/L	117163	3	11.804	405086	5.0
Benzene, (1-met...	13.621	1.8	ug/L	143750	3	11.804	405086	5.0